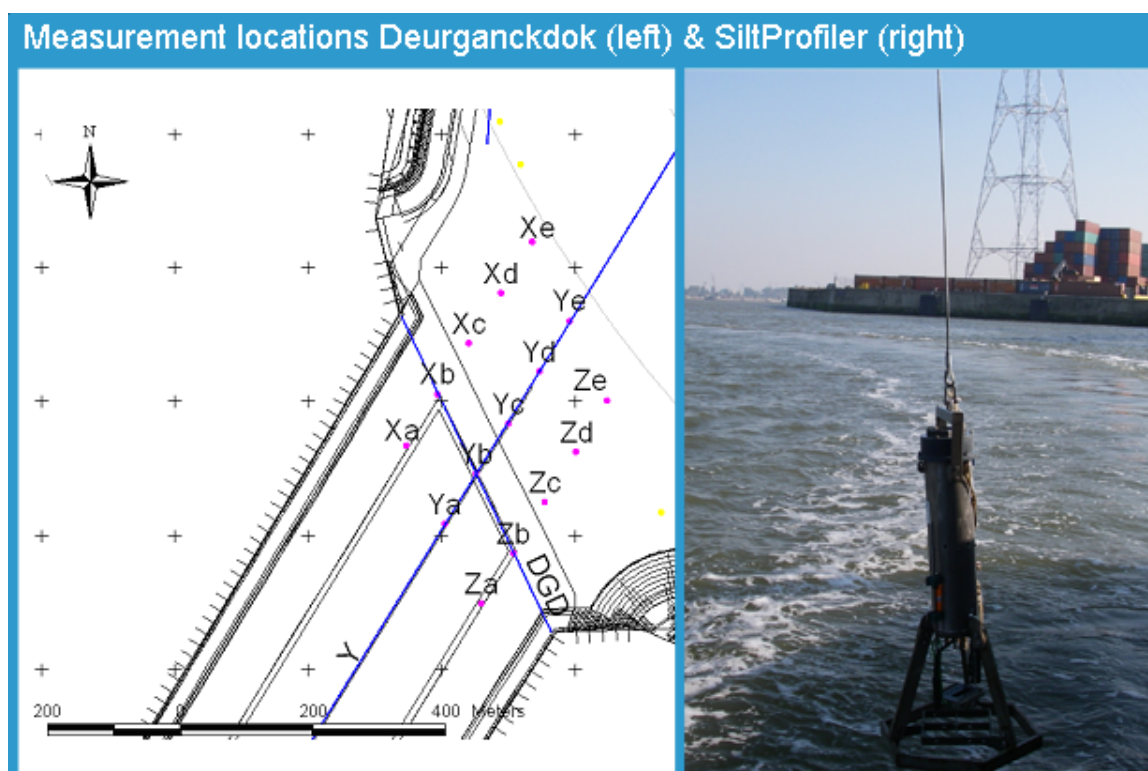




Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing

Bestek 16EB/05/04



Deelrapport 2.29: 13u-meting SiltProfiler 29 September 2008
Ingang Deurganckdok

Report 2.29: Through Tide Measurement SiltProfiler 29 September 2008
at the entrance of Deurganckdok

31 May 2009

I/RA/11283/08.090/MSA



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TABLE OF CONTENTS

1. INTRODUCTION	1
1.1. THE ASSIGNMENT	1
1.2. PURPOSE OF THE STUDY	1
1.3. OVERVIEW OF THE STUDY	2
1.3.1. Reports.....	2
1.3.2. Measurement actions.....	3
1.4. STRUCTURE OF THE REPORT	4
2. THE MEASUREMENT CAMPAIGN.....	5
2.1. OVERVIEW OF THE STUDIED PARAMETERS	5
2.2. DESCRIPTION OF THE MEASUREMENT CAMPAIGN	8
2.3. THE EQUIPMENT	9
2.3.1. SiltProfiler	9
2.3.2. CTD-Diver	10
3. COURSE OF THE MEASUREMENTS.....	11
3.1. MEASUREMENT PERIODS	11
3.2. HYDRO-METEOROLOGICAL CONDITIONS DURING THE MEASUREMENT CAMPAIGN	11
3.2.1. Vertical tide during the measurements	11
3.2.2. Meteorological data.....	12
3.3. NAVIGATION INFORMATION	13
3.4. REMARKS ON DATA	13
4. PROCESSING OF DATASETS	14
4.1. CALIBRATION OF THE TURBIDITY SENSORS	14
4.2. METHODOLOGY OF PROCESSING THE SILTPROFILER DATA	14
4.3. TIMESERIES, DEPTH AVERAGES AND TRANSECTS	15
5. PRELIMINARY ANALYSIS OF THE DATA	17
6. REFERENCES.....	21

APPENDICES

APPENDIX A.	MEASUREMENT EQUIPMENT	28
APPENDIX B.	OVERVIEW OF MEASUREMENTS	30
B.1	OVERVIEW OF THE MEASUREMENT LOCATIONS FOR THE WHOLE HCBS2 AND DEURGANCKDOK MEASUREMENT CAMPAIGN	31
B.2	OVERVIEW OF ALL MEASUREMENT LOCATIONS HCBS AND DEURGANCKDOK MEASUREMENT CAMPAIGN	35
APPENDIX C.	TIDAL DATA	36
APPENDIX D.	NAVIGATION INFORMATION AS RECORDED ON SITE.....	38
APPENDIX E.	UNESCO PPS-78 FORMULA FOR CALCULATING SALINITY	42
APPENDIX F.	SILTProfiler GRAPHS	44
F.1	LOCATION XA	45
F.2	LOCATION XB	57
F.3	LOCATION XC	68
F.4	LOCATION XD	80
F.5	LOCATION XE	92
F.6	LOCATION YA	103
F.7	LOCATION YB	115
F.8	LOCATION YC	127
F.9	LOCATION YD	139
F.10	LOCATION YE	151
F.11	LOCATION ZA	162
F.12	LOCATION ZB	174
F.13	LOCATION ZC	186
F.14	LOCATION ZD	198
F.15	LOCATION ZE	210
APPENDIX G.	DEPTH AVERAGE FIGURES AND TABLES.....	222
G.1	TABLES	223
G.2	FIGURES	237
APPENDIX H.	TIMESERIES	253
APPENDIX I.	TRANSECT SUSPENDED SEDIMENT CONCENTRATION AND SALINITY	
DISTRIBUTION	269	
I.1	CROSS-SECTION X	270
I.2	CROSS-SECTION Y	292
I.3	CROSS-SECTION Z	314
APPENDIX J.	OVERVIEW OF HCBS2 AND OPVOLGING AANSLIBBING	
DEURGANCKDOK REPORTS	336	

LIST OF TABLES

TABLE 1-1: OVERVIEW OF DEURGANCKDOK REPORTS BETWEEN APRIL 2008 TILL MARCH 2009	2
TABLE 2-1: POSITIONS OF THE MEASUREMENT POINTS FOR SEPTEMBER 29 TH 2008 AT THE ENTRANCE OF DEURGANCKDOK.	9
TABLE 3-1: HIGH AND LOW TIDE AT LIEFKENSHOEK TIDAL GAUGE ON 29/09/2008	11
TABLE 3-2: COMPARISON OF THE TIDAL CHARACTERISTICS OF 12/03/2008 WITH THE AVERAGE TIDE, THE AVERAGE NEAP TIDE AND THE AVERAGE SPRING TIDE OVER THE DECADE 1991-2000 FOR LIEFKENSHOEK.	12

LIST OF FIGURES

FIGURE 2-1: ELEMENTS OF THE SEDIMENT BALANCE.....	5
FIGURE 2-2: DETERMINING A SEDIMENT BALANCE.....	6
FIGURE 2-3: TRANSPORT MECHANISMS	7
FIGURE 2-4: MAP OF THE MEASUREMENT LOCATIONS IN THE VICINITY OF DEURGANCKDOK	8
FIGURE 2-5: HIGH RESOLUTION SILTPROFILER	10
FIGURE 4-1: EXAMPLE OF METHODOLOGY USED FOR THE TRANSITION OF SEAPPOINT TO LONG RANGE SENSOR FOR A GIVEN PROFILE.....	14

1. INTRODUCTION

1.1. The assignment

This report is part of the set of reports describing the results of the long-term measurements conducted in Deurganckdok aiming at the monitoring and analysis of silt accretion. This measurement campaign is an extension of the study “Extension of the study about density currents in the Beneden Zeeschelde” as part of the Long Term Vision for the Scheldt estuary. It is complementary to the study ‘Field measurements high-concentration benthic suspensions (HCBS 2)’.

The terms of reference for this study were prepared by the ‘Departement Mobiliteit en Openbare Werken van de Vlaamse Overheid, Afdeling Waterbouwkundig Laboratorium’ (16EB/05/04). The repetition of this study was awarded to International Marine and Dredging Consultants NV in association with WL|Delft Hydraulics and Gems International on 10/01/2006. The project term was prolonged with an extra year from April 2007 till March 2008 and a second time prolonged with one extra year from April 2008 till March 2009.

Waterbouwkundig Laboratorium– Cel Hydrometrie Schelde provided data on discharge, tide, salinity and turbidity along the river Scheldt and provided survey vessels for the long term and through tide measurements. Afdeling Maritieme Toegang provided maintenance dredging data. Agentschap voor Maritieme Dienstverlening en Kust – Afdeling Kust and Port of Antwerp provided depth sounding measurements.

The execution of the study involves a twofold assignment:

- Part 1: Setting up a sediment balance of Deurganckdok covering a period of two years, i.e. 04/2007 – 03/2009
- Part 2: An analysis of the parameters contributing to siltation in Deurganckdok

1.2. Purpose of the study

The Lower Sea Scheldt (Beneden Zeeschelde) is the stretch of the Scheldt estuary between the Belgium-Dutch border and Rupelmonde, where the entrance channels to the Antwerp sea locks are located. The navigation channel has a sandy bed, whereas the shallower areas (intertidal areas, mud flats, salt marshes) consist of sandy clay or even pure mud sometimes. This part of the Scheldt is characterized by large horizontal salinity gradients and the presence of a turbidity maximum with depth-averaged concentrations ranging from 50 to 500 mg/l at grain sizes of 60 - 100 μm . The salinity gradients generate significant density currents between the river and the entrance channels to the locks, causing large siltation rates. It is to be expected that in the near future also the Deurganckdok will suffer from such large siltation rates, which may double the amount of dredging material to be dumped in the Lower Sea Scheldt.

Results from the study may be interpreted by comparison with results from the HCBS and HCBS2 studies covering the whole Lower Sea Scheldt. These studies included through-tide measurement campaigns in the vicinity of Deurganckdok and long term measurements of turbidity and salinity in and near Deurganckdok.

The first part of the study focuses on obtaining a sediment balance of Deurganckdok. Aside from natural sedimentation, the sediment balance is influenced by the maintenance and capital dredging works. This involves sediment influx from capital dredging works in the Deurganckdok, and internal relocation and removal of sediment by maintenance dredging works. To compute a sediment balance an inventory of bathymetric data (depth soundings), density measurements of the

deposited material and detailed information of capital and maintenance dredging works will be made up.

The second part of the study is to gain insight in the mechanisms causing siltation in Deurganckdok, it is important to follow the evolution of the parameters involved, and this on a long and short term basis (long term & through-tide measurements). Previous research has shown the importance of water exchange at the entrance of Deurganckdok is essential for understanding sediment transport between the dock and the Scheldt river.

1.3. Overview of the study

1.3.1. Reports

Reports of the project 'Opvolging aanslibbing Deurganckdok' between April 2008 till March 2009 are summarized in Table 1-1. An overview of the HCBS2, 'Opvolging aanslibbing Deurganckdok' (between April 2006 till March 2007) and 'Opvolging aanslibbing Deurganckdok' (between April 2007 till March 2008) reports are given in APPENDIX J.

This report, report 2.29, is one of set of reports for understanding the sediment transport between Deurganckdok and the river Scheldt, which belongs to the second part of this project.

Table 1-1: Overview of Deurganckdok Reports between April 2008 till March 2009

Report	Description
Sediment Balance: Bathymetry surveys, Density measurements, Maintenance and construction dredging activities	
1.20	Sediment Balance: Three monthly report 1/4/2008 - 30/6/2008 (I/RA/11283/08.076/MSA)
1.21	Sediment Balance: Three monthly report 1/7/2008 – 30/9/2008 (I/RA/11283/08.077/MSA)
1.22	Sediment Balance: Three monthly report 1/10/2008 – 31/12/2008 (I/RA/11283/08.078/MSA)
1.23	Sediment Balance: Three monthly report 1/1/2009 – 31/03/2009 (I/RA/11283/08.079/MSA)
1.24	Annual Sediment Balance (I/RA/11283/08,080/MSA)
Factors contributing to salt and sediment distribution in Deurganckdok: Salt-Silt (OBS3A) & Frame measurements, Through tide measurements (SiltProfiling & ADCP) & Calibrations	
2.20	Through tide measurement Sediview DGD during average tide Spring 2008 – 19 June 2008 (I/RA/11283/08.081/MSA)
2.21	Through tide measurement Sediview DGD during average tide Spring 2008 – 26 June 2008 (I/RA/11283/08.082/MSA)
2.22	Through tide measurement Sediview DGD during neap tide Summer 2008 – 24 September 2008 (I/RA/11283/08.083/MSA)
2.23	Through tide measurement Sediview DGD during spring tide Summer 2008 – 30 September 2008 (I/RA/11283/08.084/MSA)
2.24	Through tide measurement Sediview DGD during neap tide Autumn 2008 (I/RA/11283/08.085/MSA)
2.25	Through tide measurement Sediview DGD during spring tide Autumn 2008 (I/RA/11283/08.086/MSA)
2.26	Through tide measurement Sediview DGD during neap tide Winter 2009 (I/RA/11283/08.087/MSA)
2.27	Through tide measurement Sediview DGD during spring tide Winter 2009

Report	Description
	(I/RA/11283/08.088/MSA)
2.28	Through tide measurement ADCP eddy DGD Summer 2008 – 1 October 2008 (I/RA/11283/08.089/MSA)
2.29	Through tide measurement Siltprofiler DGD Summer 2008 – 29 September 2008 (I/RA/11283/08.090/MSA)
2.30	Through tide measurement Siltprofiler DGD Winter 2009 (I/RA/11283/08.091/MSA)
2.31	Through tide measurement Salinity Profiling DGD Winter 2009 (I/RA/11283/08.092/MSA)
2.32	Salt-Silt distribution Deurganckdok: Six monthly report 1/4/2008 - 30/9/2008 (I/RA/11283/08.093/MSA)
2.33	Salt-Silt distribution Deurganckdok: Six monthly report 1/10/2008 – 31/3/2009 (I/RA/11283/08.094/MSA)
2.34	Calibration stationary & mobile equipment Autumn 2008 (I/RA/11283/08.095/MSA)
Boundary Conditions: Upriver Discharge, Salt concentration Scheldt, Bathymetric evolution in access channels, dredging activities in Lower Sea Scheldt and access channels	
3.20	Boundary conditions: Six monthly report 1/4/2008 – 30/09/2008 (I/RA/11283/08.096/MSA)
3.21	Boundary conditions: Six monthly report 1/10/2008 – 31/03/2009 (I/RA/11283/08.097/MSA)
Analysis	
4.20	Analysis of Siltation Processes and Factors (I/RA/11283/08.098/MSA)

1.3.2. Measurement actions

Following measurements have been carried out during the course of this project:

1. Monitoring upstream discharge in the river Scheldt.
2. Monitoring Salt and sediment concentration in the Lower Sea Scheldt taken from on permanent data acquisition sites at Oosterweel, Prosperpolder and up- and downstream of the Deurganckdok.
3. Long term measurement of salt distribution in Deurganckdok.
4. Long term measurement of sediment concentration in Deurganckdok
5. Monitoring near-bed processes in the central trench in the dock, near the entrance as well as near the landward end: near-bed turbidity, near-bed current velocity and bed elevation variations are measured from a fixed frame placed on the dock's bed.
6. Measurement of current, salt and sediment transport at the entrance of Deurganckdok for which ADCP backscatter intensity over a full cross section are calibrated with the Sediview procedure and vertical sediment and salt profiles are recorded with the SiltProfiler equipment
7. Through tide measurements of vertical sediment concentration profiles -including near bed highly concentrated suspensions- with the SiltProfiler equipment. Executed over a grid of points near the entrance of Deurganckdok.
8. Monitoring dredging activities at entrance channels towards the Kallo, Zandvliet and Berendrecht locks

9. Monitoring dredging and dumping activities in the Lower Sea Scheldt

In situ calibrations were conducted on several dates to calibrate all turbidity and conductivity sensors (IMDC, 2006a, IMDC, 2007a and 2008f).

1.4. Structure of the report

This report is the factual data report of the through tide measurements at Deurganckdok on the 29th of September, 2008. The first chapter comprises an introduction. The second chapter describes the measurement campaign and the equipment. Chapter 3 describes the course of the actual measurements. The measurement results and processed data are presented in Chapter 4, whereas chapter 5 gives a preliminary analysis of the data.

2. THE MEASUREMENT CAMPAIGN

2.1. Overview of the studied parameters

The first part of the study aims at determining a sediment balance of Deurganckdok and the net influx of sediment. The sediment balance comprises a number of sediment transport modes: deposition, influx from capital dredging works, internal replacement and removal of sediments due to maintenance dredging (Figure 2-1).

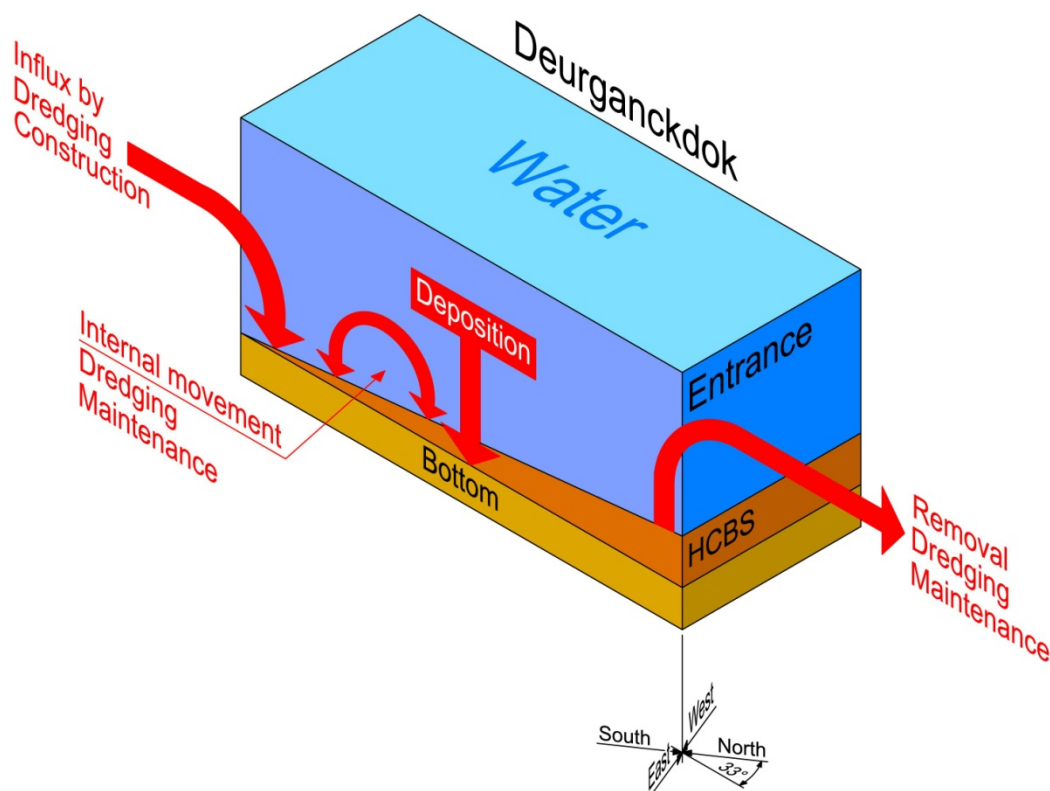


Figure 2-1: Elements of the sediment balance

A net deposition can be calculated from a comparison with a chosen initial condition t_0 (Figure 2-2). The mass of deposited sediment is determined from the integration of bed density profiles recorded at grid points covering the dock. Subtracting bed sediment mass at t_0 leads to the change in mass of sediments present in the dock (mass growth). Adding cumulated dry matter mass of dredged material removed since t_0 and subtracting any sediment influx due to capital dredging works leads to the total cumulated mass entered from the Scheldt river since t_0 .

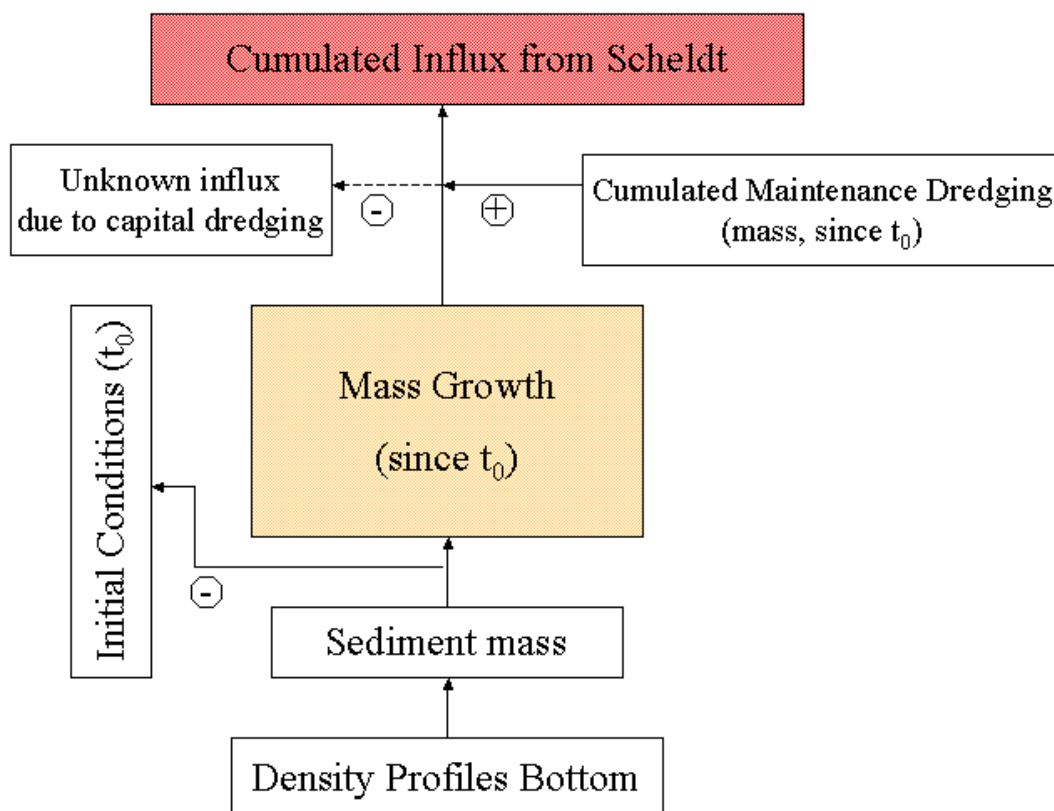


Figure 2-2: Determining a sediment balance

The main purpose of the second part of the study is to gain insight in the mechanisms causing siltation in Deurganckdok. The following mechanisms will be aimed at in this part of the study:

- Tidal prism, i.e. the extra volume in a water body due to high tide
- Vortex patterns due to passing tidal current
- Density currents due to salt gradient between the Scheldt river and the dock
- Density currents due to highly concentrated benthic suspensions

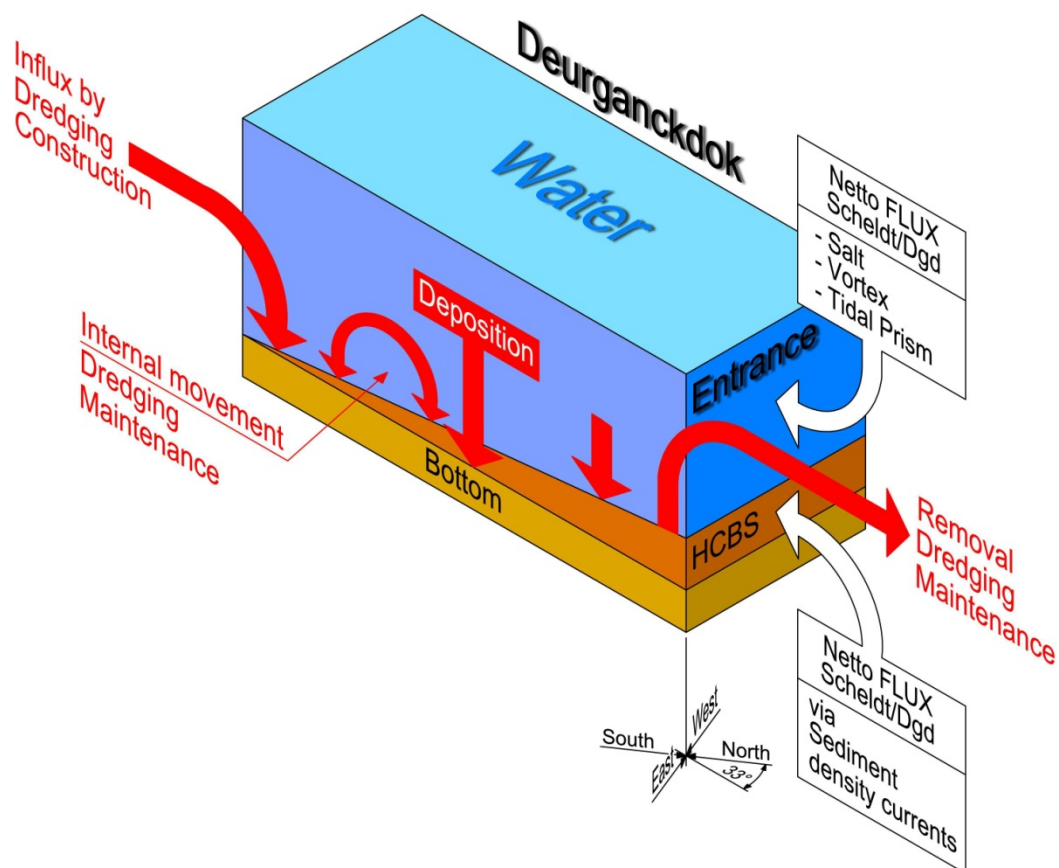


Figure 2-3: Transport mechanisms

These aspects of hydrodynamics and sediment transport have been landmark in determining the parameters to be measured during the project. Measurements will be focussed on three types of timescales: one tidal cycle, one neap-spring cycle and seasonal variation within one year.

Following data are being collected to understand these mechanisms:

- Monitoring upstream discharge in the Scheldt river.
- Monitoring Salt and sediment concentration in the Lower Sea Scheldt at permanent measurement locations at Lillo, Oosterweel, up- and downstream of the Deurganckdok.
- Long term measurement of salt and suspended sediment distribution in Deurganckdok.
- Monitoring near-bed processes (current velocity, turbidity, and bed elevation variations) in the central trench in the dock, near the entrance as well as near the current deflecting wall location.
- Dynamic measurements of current, salt and sediment transport at the entrance of Deurganckdok.
- Through tide measurements of vertical sediment concentration profiles -including near bed high concentrated benthic suspensions.
- Monitoring dredging activities at entrance channels towards the Kallo, Zandvliet and Berendrecht locks as well as dredging and dumping activities in the Lower Sea Scheldt.

2.2. Description of the measurement campaign

Turbidity, salinity and temperature measurements were conducted on the 29th of September from 4h00 MET till 17h00 MET.

The purpose of the measurements was to find fluid mud layers and to determine the distribution of suspended sediment over the dock's entrance area during a complete tidal cycle. For measurements in Deurganckdok the terms 'left bank' and 'right bank' will be used to address the North quay wall and South quay wall respectively.

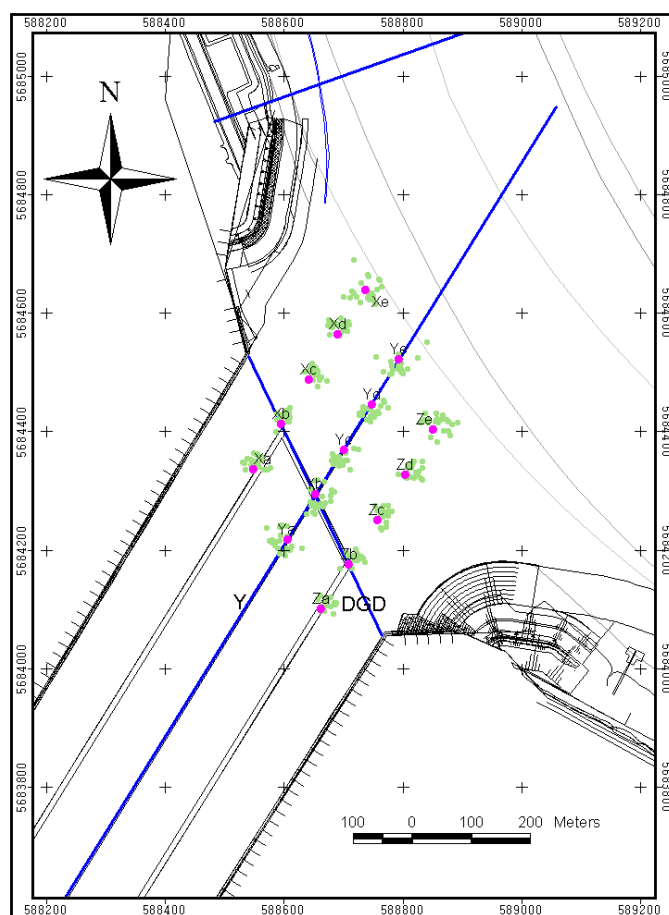


Figure 2-4: Map of the measurement locations in the vicinity of Deurganckdok

From the survey vessel Scheldewacht II a measurement cycle was completed sailing three parallel transects (X, Y and Z) at the entrance of the Deurganckdok (Figure 2-4). A high resolution turbidity profile was measured with the SiltProfiler at 5 locations on each transect.

An overview with all the measurement locations of the SiltProfiler measurements can be found in Table 2-1.

Table 2-1: Positions of the measurement points for September 29th 2008 at the entrance of Deurganckdok.

Measurement point	Bank	Easting (UTM31 ED50)	Northing (UTM31 ED50)	Average Depth [m TAW]
Xa	Left bank	588549	5684335	-15.0
Xb	Left bank	588596	5684411	-14.1
Xc	Left bank	588643	5684486	-13.3
Xd	Left bank	588690	5684562	-13.5
Xe	Left bank	588737	5684638	-14.0
Ya	Center	588606	5684217	-15.1
Yb	Center	588653	5684293	-14.3
Yc	Center	588700	5684368	-14.6
Yd	Center	588747	5684444	-14.5
Ye	Center	588793	5684520	-14.7
Za	Right bank	588662	5684099	-15.2
Zb	Right bank	588709	5684174	-13.8
Zc	Right bank	588756	5684250	-13.7
Zd	Right bank	588803	5684326	-14.1
Ze	Right bank	588850	5684402	-13.9

2.3. The equipment

2.3.1. SiltProfiler

The SiltProfiler has the following general specifications. The data collection is executed locally (i.e. on the profiler) by an integrated data logger. Sensor cables are kept very short and connect to the interfacing electronics of the data logger. The data logger collects the sensor signals and records the same in internal memory. Simultaneously the data are transmitted via a serial communication cable (if connected). Emphasis is on fast data collection and less on the absolute accuracy of the sensors.

In case the communication cable is not connected, the data can be retrieved upon recovery of the profiler via a short range wireless connection. As soon as the profiler breaks the water surface the data can be accessed and transferred to the operator's PC, whereupon the profiler is ready for a new profiling session. The retrieved profile data are visualised immediately in depth profile graphs. This operational mode requires no electrical cables to be attached to the profiler. However, a small box (diameter in the order of 20 cm) with electronics, data logger and batteries is attached to the profiler. The hoisting cable is attached to sturdy structure above the electronics box.

The sensors are:

- one Conductivity and Temperature sensor with measuring ranges adequate for use in seawater.
- multiple turbidity sensors to cover the entire range of 0 to 35 000 mg/L suspended solids: 2 transmittance sensors (type FOSLIM) are used, in combination with a Seapoint turbidity sensor (0-400 mg/l).
- one pressure sensor.



Figure 2-5: High Resolution SiltProfiler

As such the SiltProfiler is anticipated to rapidly profile the suspended sediment concentration as well as the salinity structure. The SiltProfiler can measure at variable speed up to 100 measurements per second (100 Hz).

The data collection rate is adjustable to optimise for the required vertical / temporal resolution. Further, the data acquisition rate will be depth dependent in such a way that the rate is low in the upper section of the profile and higher in the lower section. Both rates and the changeover depth are user adjustable. The duration of data retrieval depends upon the amount of collected data and the effective data transfer rate.

2.3.2. CTD-Diver

A CTD-Diver was used to measure depth, conductivity and temperature. This instrument was placed on the SiltProfiler as backup for the SiltProfiler. During the measurement campaign all sensors (temperature, pressure and conductivity) were set to record every second.

The technical details about the CTD-Diver are given in APPENDIX A.

3. COURSE OF THE MEASUREMENTS

3.1. Measurement periods

SiltProfiles were taken at all 15 locations. 313 profiles were successfully measured with the SiltProfiler.

3.2. Hydro-meteorological conditions during the measurement campaign

3.2.1. Vertical tide during the measurements

The vertical tide was measured at Liefkenshoek tidal gauge. Graphs of the tide at Liefkenshoek on the 29th of September 2008 can be found in APPENDIX C. Table 3-1 lists the most important characteristics (high and low tide) of the tide at those gauges on September 29th of 2008.

Table 3-1: High and Low Tide at Liefkenshoek Tidal Gauge on 29/09/2008

Liefkenshoek Tidal Gauge		
<i>29 September 2008</i>		
	<i>Time [MET]</i>	<i>Water level [m TAW]</i>
HW (1)	03:10	5.64
LW (2)	09:50	0.12
HW (3)	15:30	5.66
LW (4)	22:30	-0.22

In Table 3-2 the tidal characteristics of the tide on the 29th of September 2008 are compared to the average tide over the decade 1991-2000 (AMT, 2003).

Table 3-2: Comparison of the tidal characteristics of 12/03/2008 with the average tide, the average neap tide and the average spring tide over the decade 1991-2000 for Liefkenshoek.

	Neap tide (1991 - 2000)	Avg Tide (1991 - 2000)	Spring Tide (1991 - 2000)	Tide 29/09/2008
Water level [m TAW]				
HW (1)	4.63	5.19	5.63	5.64
LW (2)	0.39	0.05	-0.18	0.12
HW (3)	-	-	-	5.66
LW (4)	-	-	-	-0.22
Tidal difference [m]				
Falling (1 to 2)	4.24	5.14	5.81	5.52
Rising (2 to 3)	4.24	5.14	5.81	5.54
Falling (3 to 4)	-	-	-	5.88
Duration [hh:mm]				
Falling (1 to 2)	6:40	6:50	7:02	6:40
Rising (2 to 3)	5:59	5:34	5:16	5:40
Falling (3 to 4)	-	-	-	7:00
Tide (1 to 3)	12:39	12:24	12:18	12:20
Tide (2 to 4)	-	-	-	12:40
Tidal coefficient				
Falling (1 to 2)	0.82	1.00	1.13	1.07
Rising (2 to 3)	0.82	1.00	1.13	1.08
Falling (3 to 4)	-	-	-	1.14

The tidal coefficients from 1.07 up to 1.14 for the measured tide of the 29th of September 2008 indicate that this tide has a larger tidal range than the average tide for the decade of 1991-2000, and can be classified as spring tide.

3.2.2. Meteorological data

Meteorological data at Woensdrecht (NL) was obtained from the website of the Dutch meteorological institute (KNMI) (KNMI, 2009).

The weather on the 29th of September 2008 was dry but cloudy and the wind blew from the west at an average velocity of 13 km/h (3 Bft) with maximal gust velocity of 36 km/h. The air temperature varied between 6 and 16°C. The sky was very cloudy without precipitation.

3.3. Navigation information

An overview of the navigation at the measurement location is given in APPENDIX D.

3.4. Remarks on data

A total of 313 profiles were successfully taken with the SiltProfiler, which are 21 series of 15 measuring points. Only 2 profiles contained corrupted data. Besides that, the CTD-diver stopped working at 17:19 MET, which means that the last 16 profiles didn't have conductivity values and consequently no salinity.

4. PROCESSING OF DATASETS

4.1. Calibration of the turbidity sensors

A crucial aspect of the accuracy and reliability of the data concerns the calibration of the instruments before the measurement campaign. The calibration procedure is described in calibration report 2.09 (IMDC, 2008f).

4.2. Methodology of processing the SiltProfiler data

SiltProfiler data was validated and screened for outliers. Raw data were filtered.

Salinity was calculated using the temperature, conductivity and pressure in the pps-78 formula (Unesco, 1991 & IMDC, 2002)(see APPENDIX E). Turbidity values were converted to suspended sediment concentration.

The SiltProfiler contains 3 turbidity sensors. The Seapoint sensor is used for low concentrations (0-700 mg/l), the Long Range Extinction sensor covers the range between 400 mg/l – 5000 mg/l, after which the Short Range Extinction sensor (4000 mg/l – 35000 mg/l) takes over. All 3 sensors log simultaneously during a measurement. The switchover between two sensors in the processing is done as follows:

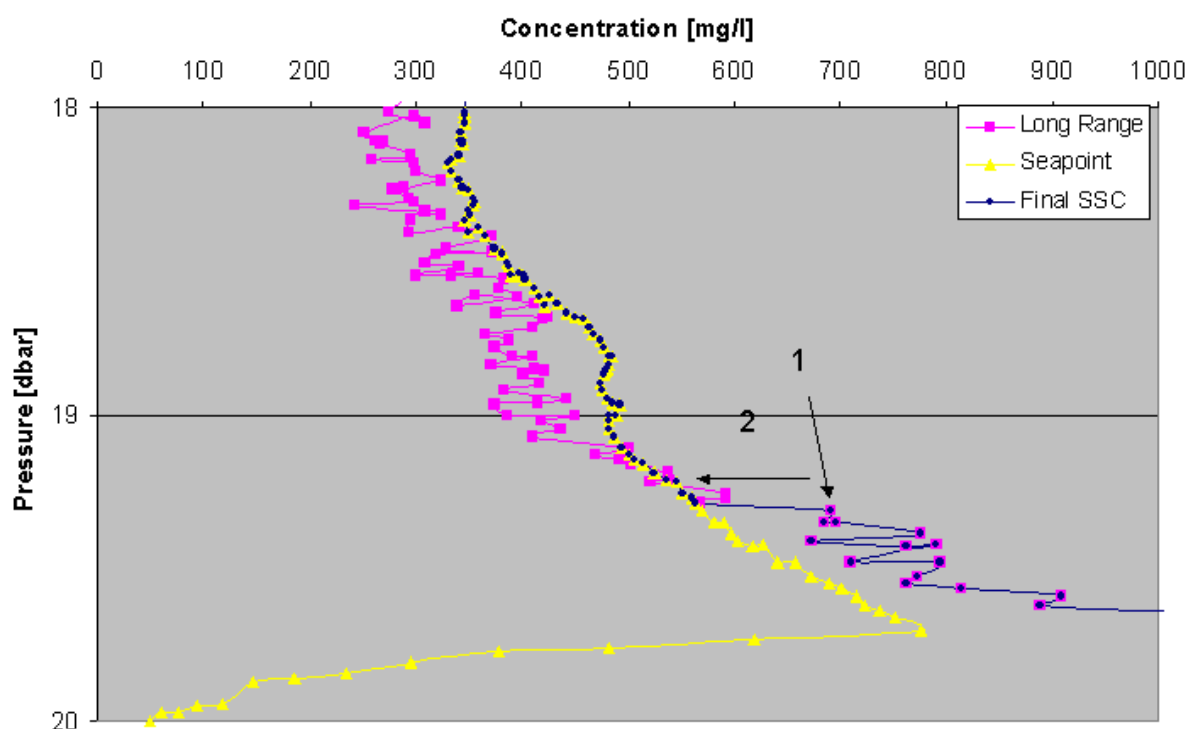


Figure 4-1: Example of Methodology used for the transition of Seapoint to Long Range Sensor for a given profile

- Between Seapoint and Long Range Sensor the transition threshold is not fixed. Figure 4-1 visualizes the methodology. As the SSC measured by the Long Range Sensor exceeds 70 mg/l over the SSC measured by the Seapoint Sensor (1), a back track is performed to find at what measurement the Long Range SS concentration exceeds the Seapoint SS concentration.(2). The nearest measurement is chosen as transition point, as is shown by the 'Final SSC' line, which shows. This is done as the Long Range SS concentration slightly underestimates low concentrations.
- Between the long range and short range extinction sensor the transition point is fixed. The long range sensor saturates at a concentration of 4964 mg/l, so the transition is fixed at a concentration of 4400 mg/l, leaving a margin of ± 500 mg/l between the transition point and the maximum measurable concentration of the Long Range Sensor.

This method was developed based on a high number of measurements that showed a high variation in SS concentration performed on 21/03/06 in Deurganckdok.

A datasheet was produced that contains a plot showing the change in temperature, salinity and suspended sediment concentration versus depth for each verified profile

Apart from general metadata (date, time, time after HT, coordinates, surface elevation) the water-bottom interface is given as the lowest elevation at which SiltProfiler measured sediment concentration within its range, and the detection of the soft and hard bottom (210 kHz / 33 kHz) as was measured by the dual frequency echosounder.

A table contains measurements with regular spreading in time taken from the profile.

The depth averaged values for temperature, salinity and suspended sediment concentration are calculated.

The "NaN" (Not a Number) –value is used to indicate a no data value (measurement outside range of instrument or not recording).

The SiltProfiler datasheets are given in APPENDIX F.

4.3. Timeseries, Depth Averages and Transects

Timeseries were visualised for all locations. Colourplots of temperature and suspended sediment concentration, as measured by SiltProfiler can be found in APPENDIX H. In these plots the bottom (as detected by the SiltProfiler) is shown as a black surface.

These plots show a contoured timeseries of the measured profiles on each location in time and depth. In between two vertical profiles colour codes are shaded from one to the next. The detection of the hard bottom or mud-water interface by the instrument is indicated on the contourplot as a black mask.

Also depth-averaged values were tabularised. Depth-averages were computed for SiltProfiler (Suspended Sediment Concentration & Temperature) data per location.

For each of these parameters the depth-average is given for:

- Total depth
- Top 50% of watercolumn – bottom 50% of watercolumn

This information is illustrated in figures and tables in APPENDIX G.

The spatial suspended sediment concentration distribution for transects X, Y and Z are given for each cycle. In these graphs the SSC distribution is shown as a cross-section consisting of all 5

profiling locations (a, b, c, d and e) on each transect (X, Y and Z) within one measurement cycle. Point a is always given on the left hand side. These figures are given in APPENDIX I.

5. PRELIMINARY ANALYSIS OF THE DATA

Concerning the suspended sediment concentrations, the depth averages range from 18 mg/l up to 261 mg/l. The maximal depth average concentrations occur at lines d and e (towards the Scheldt) around 1:00 and 3:15 before HW. The minimal depth average concentrations on the other hand occur at transect Z (South side) in between 4:00 and 5:00 hours after HW. In general the average SS concentrations taken over several points during the measurement campaign show a spatial pattern: an increase in average SS concentration from the dock to the river Scheldt and an increase from transect X (North side) to transect Z (South side).

Compared to previous SiltProfiler measurement campaigns at the entrance of Deurganckdok the SS concentrations of this campaign were comparable to the SiltProfiler measurement campaign of March 21st of 2006 (IMDC, 2006h). Depth average concentrations around HW were in the order of magnitude of 100 to 150 mg/l, whereas they were around 50 mg/l for the previous SiltProfiler measurement campaigns on September 26th of 2006 (IMDC, 2007n) and October 23rd of 2007 (IMDC, 2008g). During the campaign of March 12th 2008 (IMDC, 2008l) concentrations were a lot higher (200-250 mg/l). This can be partially explained by the stormy weather and spring tide event on that day.

The overall concentrations measured on March 12th 2008 (tidal coefficient between 1.06 and 1.18) were roughly twice as high as the campaigns in September '08 (tidal coefficient between 1.07 and 1.14) and March '06 (tidal coefficient between 0.95 and 0.98), and about 4 times as high as the campaigns in September '06 (tidal coefficient between 1.04 and 1.08) and October '07 (tidal coefficient between 0.87 and 0.96).

Depth average salinity ranges from 10.2 to 12.9 ppt. The 5 maximal depth average salinity values occur in between 1:00 and 1:30 after HW and the 5 minimal depth average salinity values occur at transect X (North side) between 5:00 and 5:30 before HW. The points located nearby the river Scheldt have a higher salinity range than the points located in the dock.

Average temperature of the water was about 17°C for all the locations.

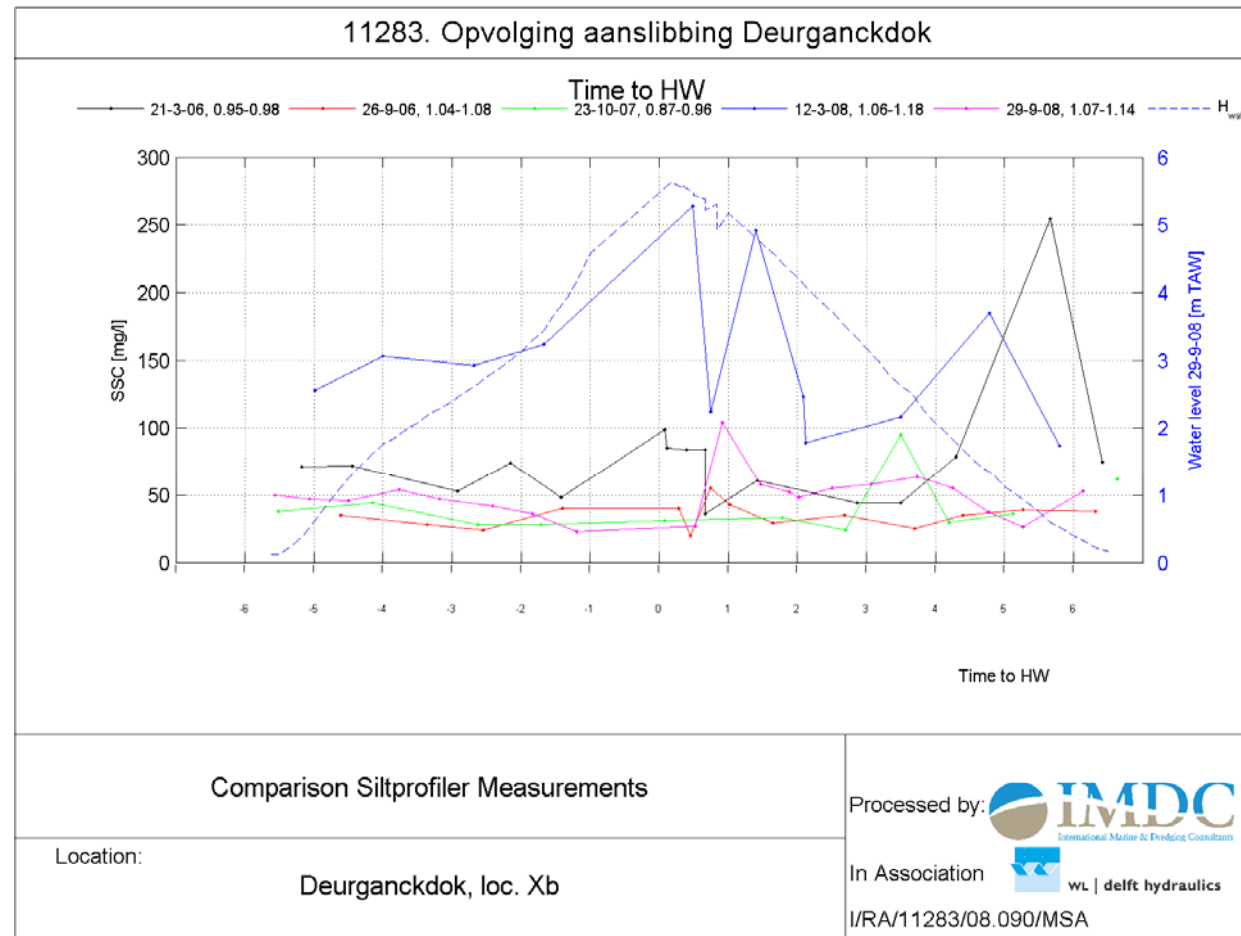


Figure 5-1 Comparison of depth average concentrations at location Xb for all Siltprofiler measurement campaigns at the entrance of DGD

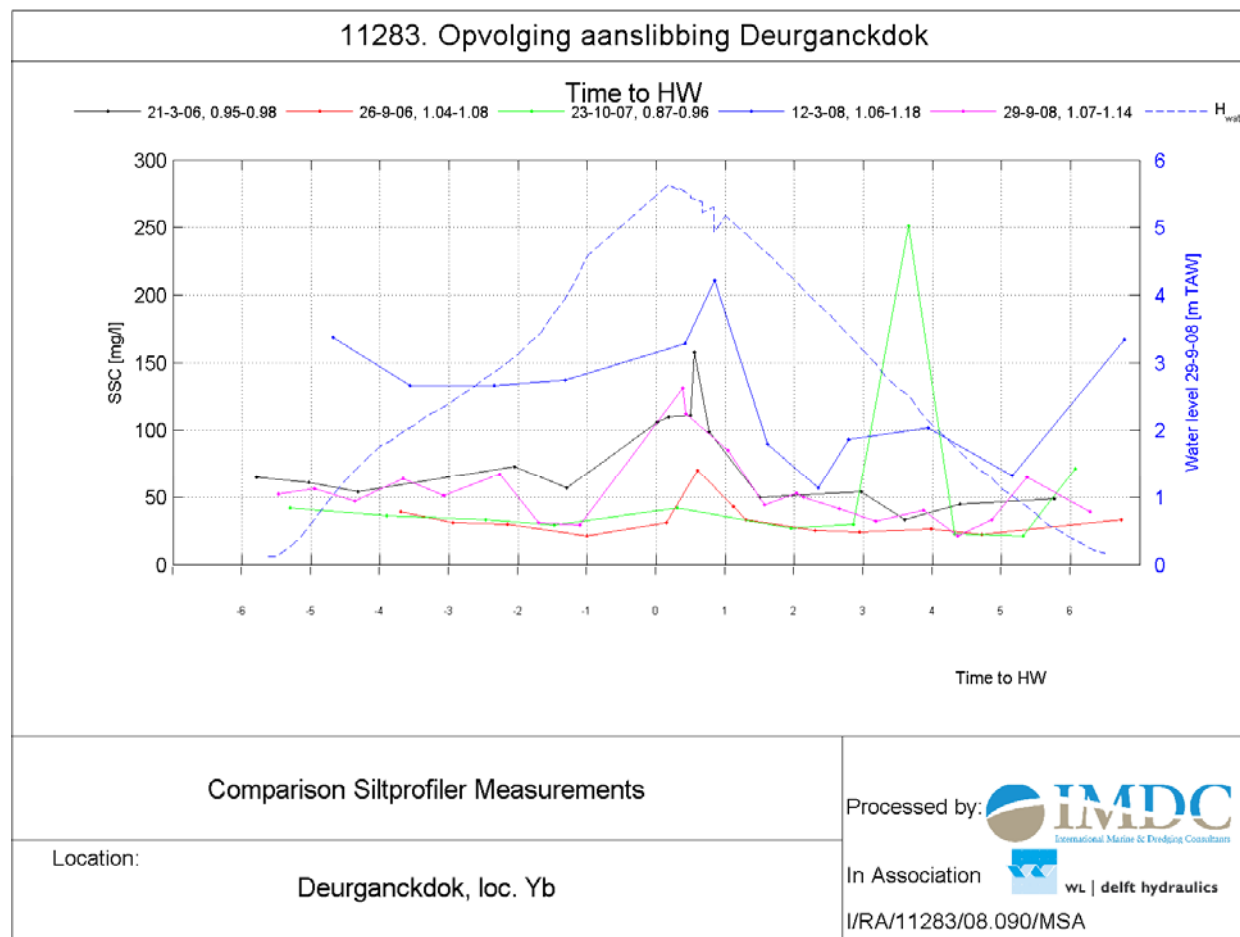


Figure 5-2 Comparison of depth average concentrations at location Yb for all Siltprofiler measurement campaigns at the entrance of DGD

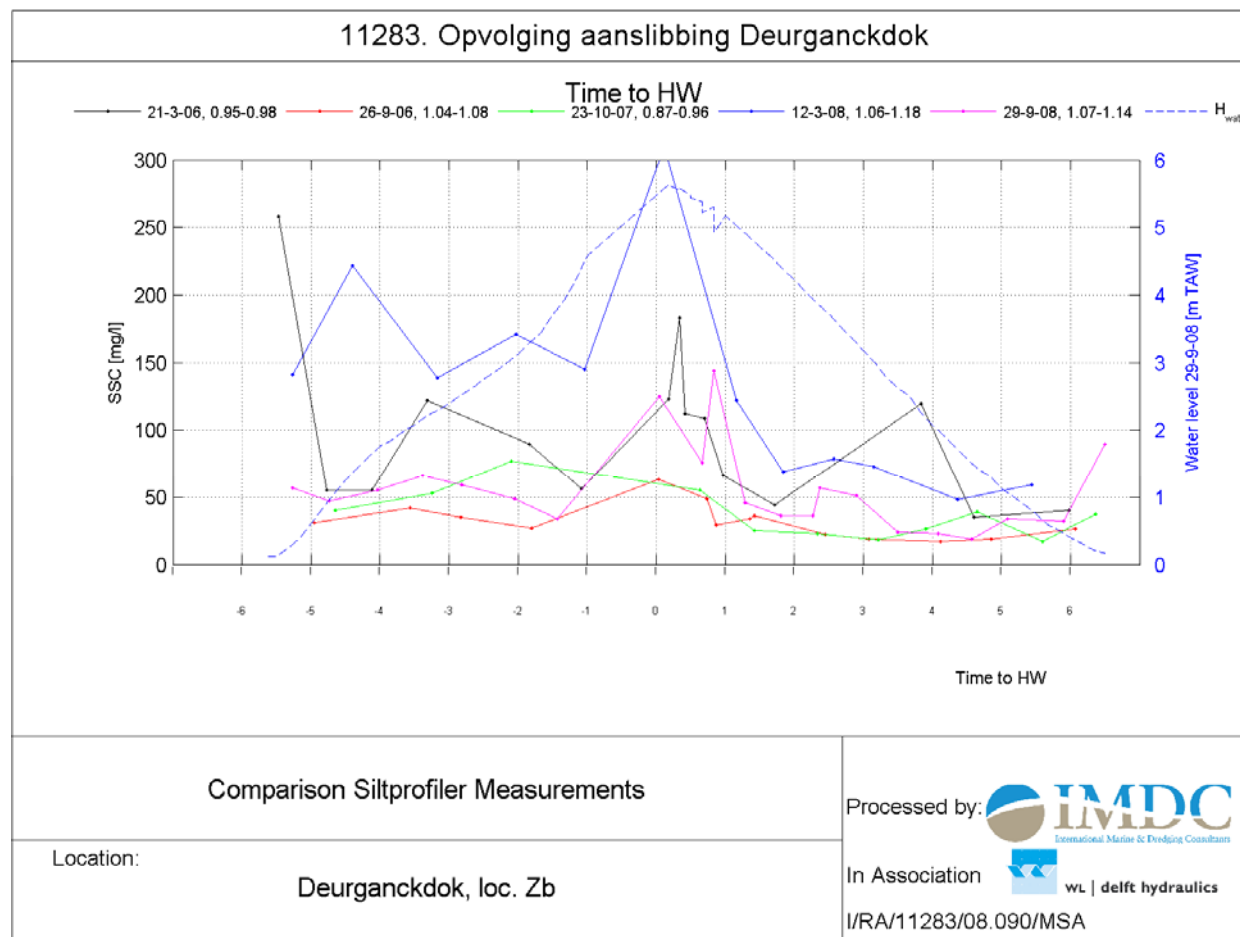


Figure 5-3 Comparison of depth average concentrations at location Zb for all Siltprofiler measurement campaigns at the entrance of DGD

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IMDC (2008aa) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.20: Boundary conditions: Six monthly report 1/4/2008 – 30/09/2008 (I/RA/11283/08.096/MSA)

IMDC (2009a) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.23: Through tide measurement Sediview during spring tide Summer 2008 – 30 September 2008 (I/RA/11283/08.084/MSA)

IMDC (2009b) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.29: Through tide measurement SiltProfiler summer 2008 – 29 September 2008 (I/RA/11283/07.090/MSA)

IMDC (2009c) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.34: Calibration stationary & mobile equipment autumn 2008 (I/RA/11283/08.095/MSA)

IMDC (2009d) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.22: Sediment Balance: Three monthly report 1/10/2008 – 31/12/2008 (I/RA/11283/08.078/MSA)

IMDC (2009e) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.24: Through tide measurement Sediview during neap tide Autumn 2008 (I/RA/11283/08.085/MSA)

IMDC (2009f) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.25: Through tide measurement Sediview during spring tide Autumn 2008 (I/RA/11283/08.086/MSA)

IMDC (2009g) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.23: Sediment Balance: Three monthly report 1/01/2009 – 31/03/2009 (I/RA/11283/08.079/MSA)

IMDC (2009h) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.24: Annual Sediment Balance (I/RA/11283/08.080/MSA)

IMDC (2009i) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.26: Through tide measurement Sediview during neap tide Winter 2009 (I/RA/11283/08.087/MSA)

IMDC (2009j) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.30: Through tide measurement SiltProfiler winter 2009 (I/RA/11283/08.091/MSA)

IMDC (2009k) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.31: Through tide measurement Salinity Profiling winter 2009 (I/RA/11283/08.092/MSA)

IMDC (2009l) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.33: Salt-Silt distribution Deurganckdok: six monthly report 1/10/2008 – 31/3/2009 (I/RA/11283/08.094/MSA)

IMDC (2009m) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.21: Boundary conditions: Six monthly report 1/10/2008 – 31/03/2009 (I/RA/11283/08.097/MSA)

IMDC (2009n) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.27: Through tide measurement Sediview during spring tide Winter 2009 (I/RA/11283/08.088/MSA)

IMDC (2009o) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 4.20: Analysis of siltation Processes and Factors (I/RA/11283/08.098/MSA)

TV SAM (2006a) Langdurige stationaire ADCP stroommetingen te Oosterweel dukdalf 01/2005-06/2005. 42SR S032PIB 2A.

TV SAM (2006b) Langdurige stationaire ADCP stroommetingen te Oosterweel dukdalf 07/2005-12/2005. 42SR S033PIB 2A.

TV SAM (2006c) Langdurige stationaire ADCP stroommetingen te Oosterweel dukdalf 01/2006-06/2006. 42SR S032PIB 2A.

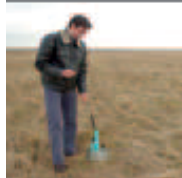
Unesco (1983). Algorithms for computation of fundamental properties of seawater, UNESCO Technical Papers in Marine Science, 44. UNESCO, France.

Wunderground (2008). Weather Underground: www.wunderground.com

KNMI (2009) Royal Dutch Meteorological Institute www.knmi.nl

APPENDIX A. MEASUREMENT EQUIPMENT

CTD-Diver datalogger



Applications

- Aquifer recharge projects
- Saltwater intrusion projects
- Surveillance against (illegal) discharges
- Surveillance on waste disposal sites
- Monitoring groundwater or surface water quality

CTD-Diver: reliable in all conditions

Where there is a need to monitor not only groundwater levels but also salinization, saltwater intrusion or contamination in the case of (illegal) discharges and landfill sites, the CTD-Diver is the instrument of choice. Besides a pressure and temperature sensor, the CTD-Diver has a four-electrode conductivity sensor for determining conductivity across a substantial measurement range (0-80 mS/cm). For each measurement, the date and time, groundwater level, temperature and conductivity are recorded. There are two options for conductivity measurement: display the measured conductivity or a specific conductivity at 25 °C. The CTD-Diver is accommodated in a ceramic casing which is resistant to corrosive conditions. The CTD-Diver has a memory with a maximum storage capacity of 16,000 measurement data per parameter.



Highlights:

- 3 year warranty
- Long-term and frequent measurements
- Various measurement methods:
 - fixed
 - event dependent
 - pumping tests
- Simple calibration
- Temperature corrected measurement
- Reliable and accurate measurement data
- Compact size
- Robust construction:
 - ceramic
 - corrosion resistant
- Measures three parameters:
 - conductivity
 - temperature
 - pressure

Specifications:

Dimensions	Ø22 mm x 163 mm
Memory	16,000 measurements (non-volatile)
Sample rate ^Δ	0.5 sec to 99 hours
Housing material	ceramic (ZrO ₂)
Temperature range	-20 °C to 80 °C
- accuracy	±0.1 °C
- resolution	0.01 °C
Conductivity:	
- range	0 to 80 mS/cm
- accuracy	±1% of reading
- resolution	0.1% of reading
Battery life	10 years (depending on use)
Weight	150 grams



CTD-Diver® Technical specifications (pressure)

Type	D1 261	D1 263	D1 265	D1 500 (Baro)
Range	10 m H ₂ O	30 m H ₂ O	100 m H ₂ O	15 m H ₂ O
- accuracy ^{ΔΔ}	1 cm H ₂ O	3 cm H ₂ O	10 cm H ₂ O	0.5 cm H ₂ O
- resolution	0.2 cm H ₂ O	0.6 cm H ₂ O	2 cm H ₂ O	0.1 cm H ₂ O

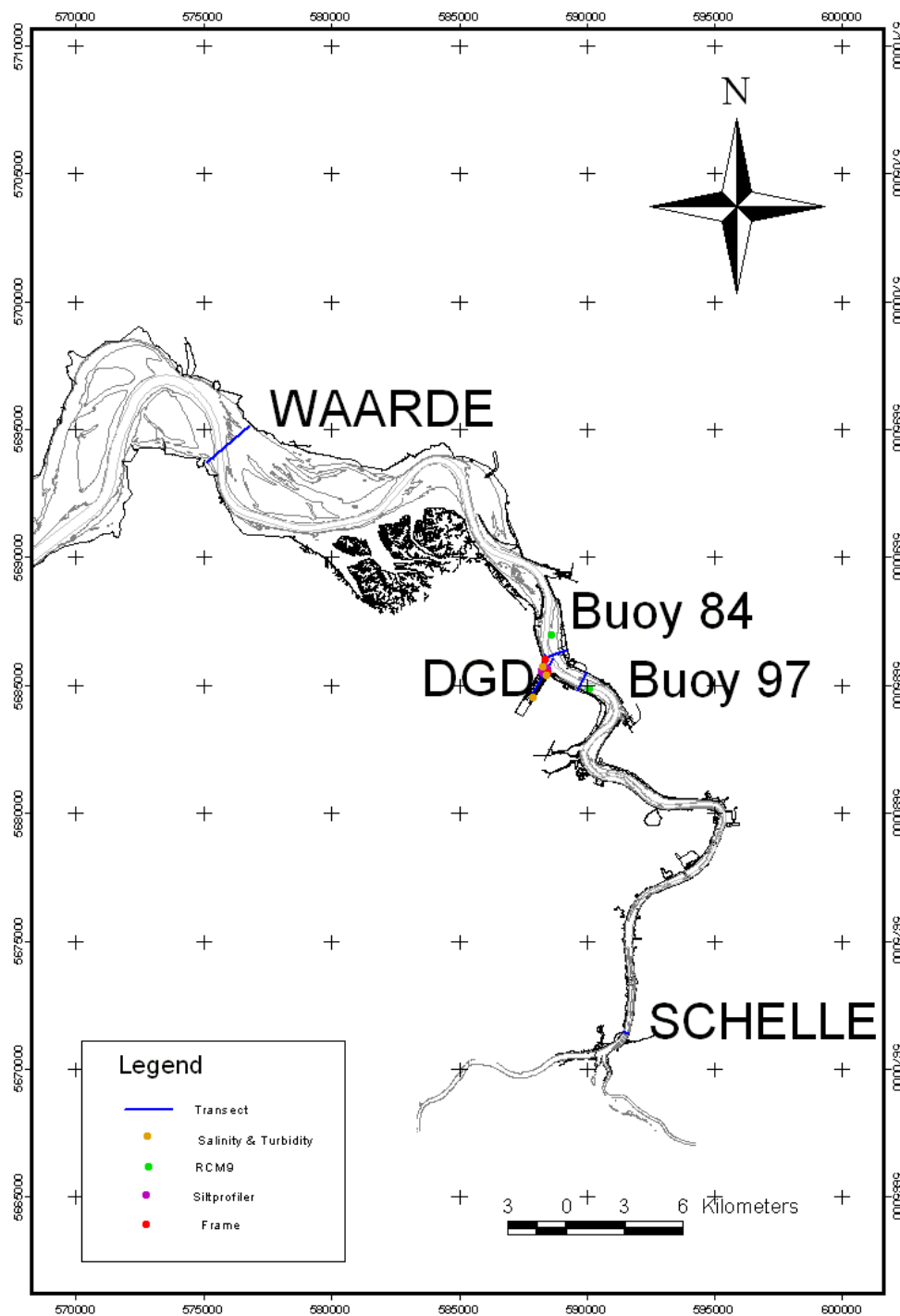
^Δ various measuring methods available (fixed, event based and pumping tests)

^{ΔΔ} within temperature compensated range (0°C to 40°C)

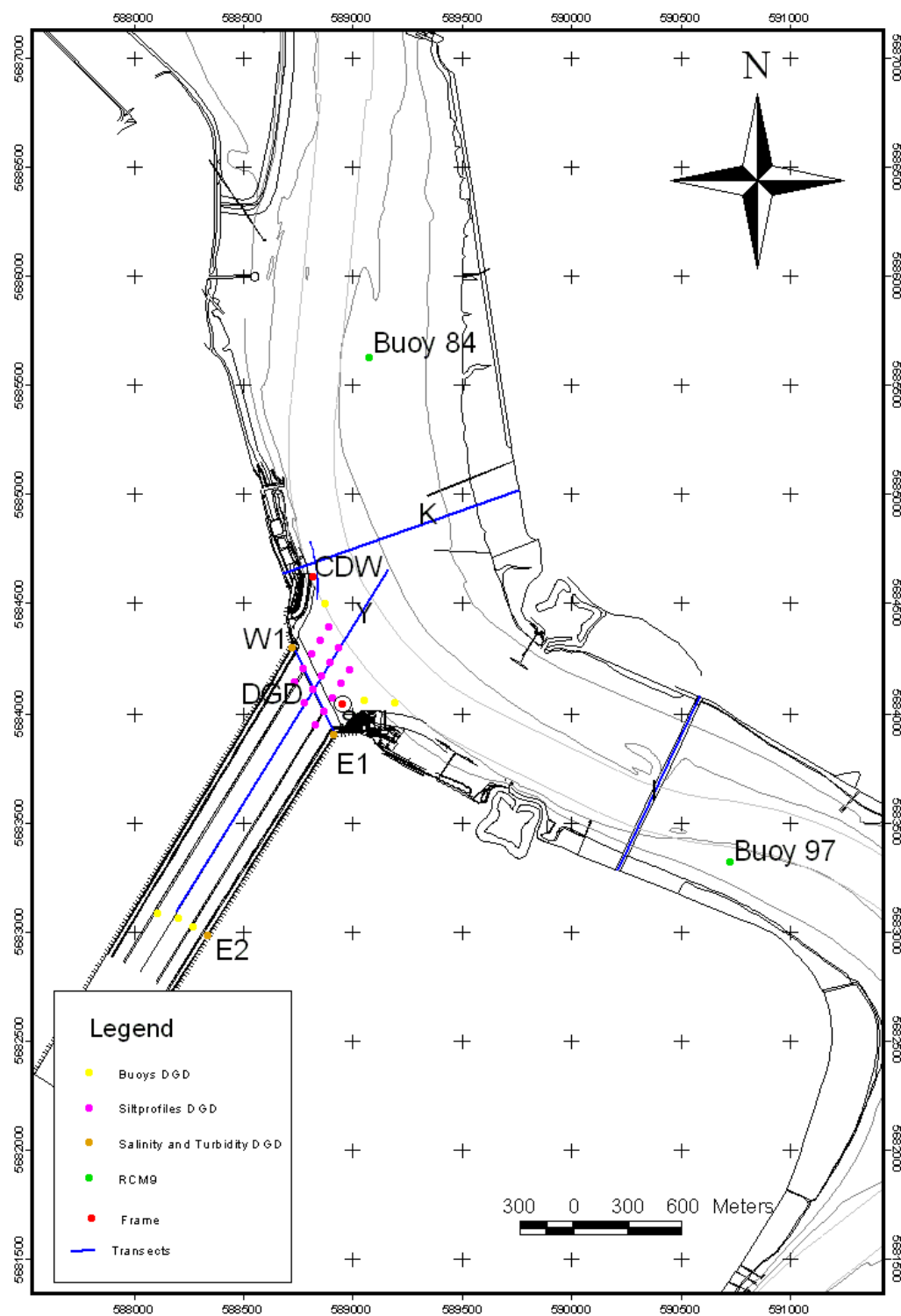
APPENDIX B.

OVERVIEW OF MEASUREMENTS

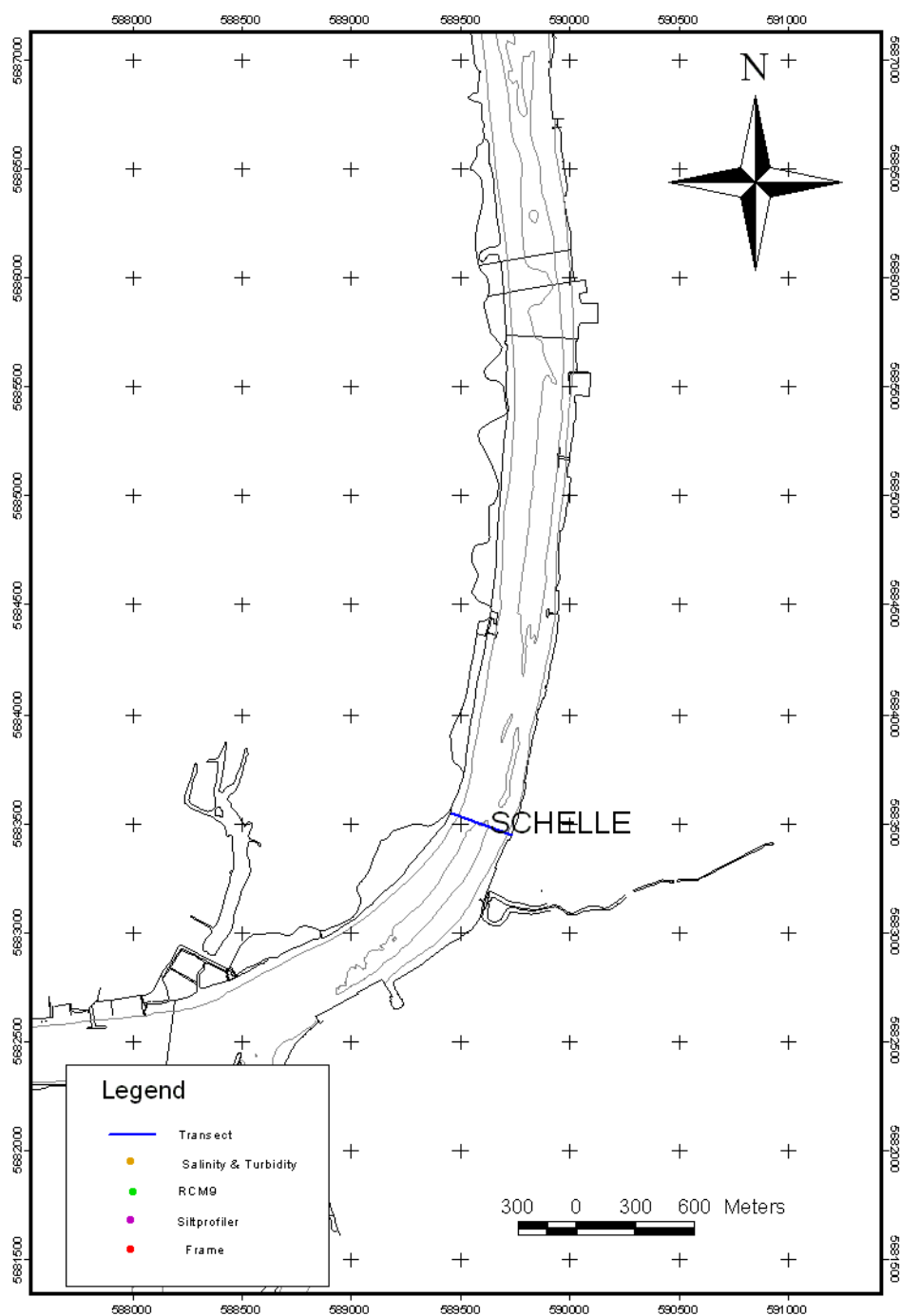
B.1 Overview of the measurement locations for the whole HCBS2 and Deurganckdok measurement campaign



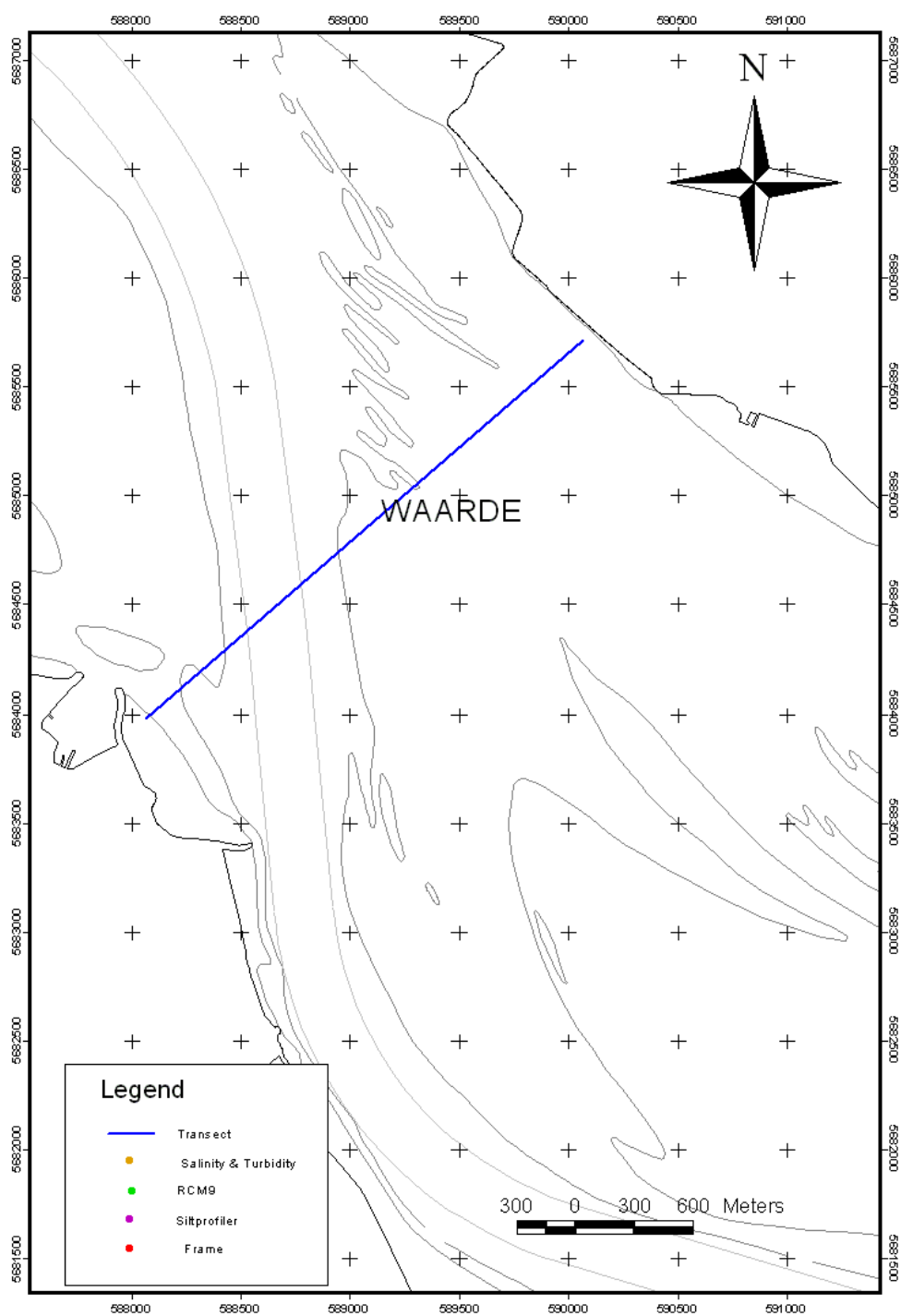
Overview of the measurement locations



Overview of the measurement locations at Deurganckdok



Theoretical transect in Schelle



Theoretical transect in Waarde

B.2 Overview of all measurement locations HCBS and Deurganckdok measurement campaign

Table with coordinates of theoretical transects

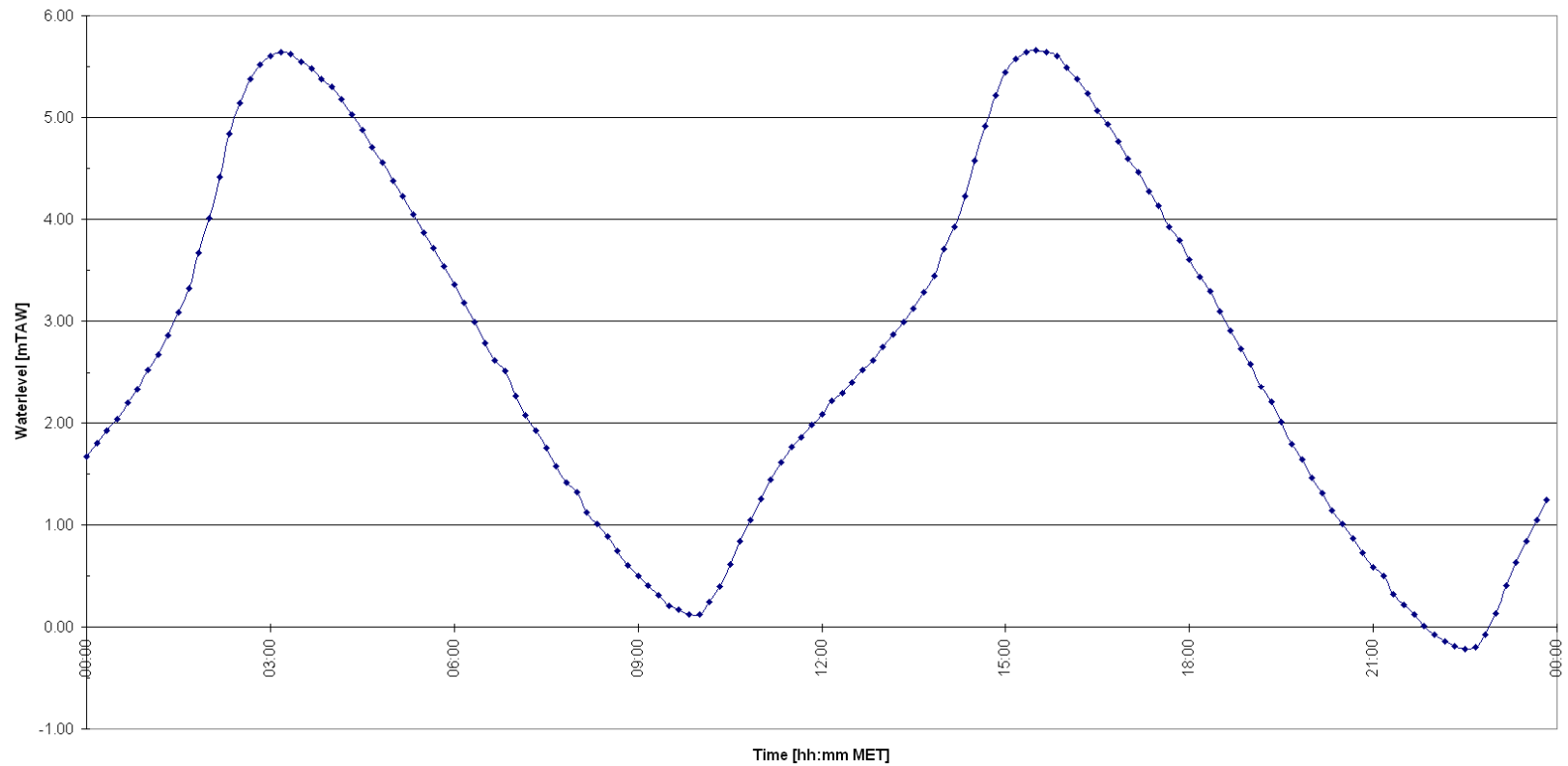
<i>Transect</i>	<i>Start Easting</i>	<i>Start Northing</i>	<i>End Easting</i>	<i>End Northing</i>
I	590318.00	5683302.00	590771.00	5684257.00
K	588484.00	5684924.00	589775.00	5685384.00
SCHELLE	592645.07	5665794.06	592952.68	5665682.28
DGD	588764.88	5684056.49	588540.95	5684526.94
Y	589059.09	5684948.36	587898.76	5683076.56
WAARDE	573541.00	5696848.20	571318.00	5694932.90

Table with coordinates of SiltProfiler gauging locations

<i>SP</i>	<i>EASTING</i>	<i>NORTHING</i>
Location 1: Xa	588549	5684335
Location 2: Xb	588596	5684411
Location 3: Xc	588643	5684486
Location 4: Xd	588690	5684562
Location 5: Xe	588737	5684638
Location 6: Ya	588606	5684217
Location 7: Yb	588653	5684293
Location 8: Yc	588700	5684368
Location 9: Yd	588747	5684444
Location 10: Ye	588793	5684520
Location 11: Za	588662	5684099
Location 12: Zb	588709	5684174
Location 13: Zc	588756	5684250
Location 14: Zd	588803	5684326
Location 15: Ze	588850	5684402

APPENDIX C. TIDAL DATA

Through Tide Measurement SiltProfiler 29 September 2008



Measured tide on 29/09/2008

Location:

Liefkenshoek tidal gauge

Date:

29/09/2008

Data processed by:



In association with:



I/RA/11283/08.090/MSA

APPENDIX D.

NAVIGATION INFORMATION AS RECORDED ON SITE

Ship:		Scheldewacht 2	
Location:		Entrance Deurganckdok	
Nr.	Tijdstip (MET)	Type schip	Vaarrichting (uit-, invarend)
1	6:07	Coaster	In
2	6:14	Idem	In
3	6:15	Binnenschip tanker	Uit
4	6:20	Binnenschip	Uit
5	7:40	Zeeschip	Opwaarts
6	7:48	Binnenschip	Uit
7	8:02	Duwbak 2	In
8	8:10	Binnenschip	In
9	8:10	Rotterdam	Uit
10	8:25	Binnenschip x 2	In
11	8:30	Coaster	Uit
12	8:50	Willem 3	Uit
13	8:56	Binnenschip	Uit
14	9:47	Gotcha	In
15	9:13	Adandi 3050T	Uit
16	9:35	Binnenschip	In
17	9:50	Duwboot + bak	In
18	9:52	Gerda II	In
19	10:10	Binnenschip	In
20	10:10	Binnenschip	In
21	10:29	Venezia 5149T	In
22	10:47	Parel II	In & Uit
23	10:55	Binnenschip	Uit
24	11:40	Duwbak koppel	In
25	11:44	Caronia Rijn Schip	In
26	12:10	Binnenschip	In
27	12:11	Coaster	Uit
28	12:12	Mis 33	In
29	12:16	Covano 5165T	Uit
30	12:34	Duwbak	In

Ship:		Scheldewacht 2	
Location:		Entrance Deurganckdok	
Nr.	Tijdstip (MET)	Type schip	Vaarrichting (uit-, invarend)
		Corina 1560T	
31	12:59	Binnenschip	In
32	13:00	Gotcha	Uit
33	13:05	Duwboot +bak	Uit
34	13:10	Binnenschip	In
35	13:17	Dilsberg	In
36	13:18	Alexandria	Uit
37	13:28	chridi	In
38	13:30	Duwboot+bak	Uit
39	13:54	Sleepboot	In
40	14:16	braboboot	In
41	14:20	CMA 66m	In
42	14:21	Binnenschip	Uit
43	14:35	Binnenschip	In
44	14:39	Binnenschip	Uit
45	14:45	Pretoria	In
46	14:55	Binnenschip	Uit
47	14:55	Odessa	In
48	14:57	Margreta	Uit
49	15:10	chridi	Uit
50	15:20	Duwboot +bak	In
51	15:25	Binnenschip	In
52	15:26	Binnenschip	In
53	15:47	Gotcha 2668T	In
54	15:58	Duwboot + bak	Uit
55	16:20	Yam Portland	In
56	16:40	Sleepboot	In
57	16:45	Binnenschip	In
58	16:55	Duwboot + bak	Uit
59	16:56	Sleepboot	Uit
60	16:58	Sankara 1335T	In

Ship:		Scheldewacht 2	
Location:		Entrance Deurganckdok	
Nr.	Tijdstip (MET)	Type schip	Vaarrichting (uit-, invarend)
61	17:00	Union 9	<i>Uit</i>
62	17:05	Brabo	<i>Uit</i>
63	17:05	fairplay 16	<i>Uit</i>
64	17:13	Binnenschip 2575T	<i>Uit</i>
65	17:15	Goudvis	<i>Uit</i>
66	17:20	Binnenschip	<i>Uit</i>
67	17:23	Binnenschip	<i>In</i>
68	17:31	Coronia	<i>In</i>
69	17:32	Binnenschip	<i>In</i>
70	18:05	Navitas	<i>In</i>
71	18:40	Duwboot + bak	<i>In</i>
72	18:41	Duwboot + 3 bakken	<i>In</i>

APPENDIX E.

UNESCO PPS-78 FORMULA FOR CALCULATING SALINITY

Practical Salinity Scale (PPS 78) Salinity in the range of 2 to 42

Constants from the 19th Edition of Standard Methods

R cond.ratio	0.0117	$R = \frac{C}{42.914\text{mS / cm}}$							
C Cond at t	0.5	Input conductivity in mS/cm of sample							
t deg. C	22.00	Input temperature of sample solution							
P dBar	20	Input pressure at which sample is measured in decibars							
Rp	1.0020845	$R_p = 1 + \frac{p(e_1 + e_2p + e_3p^2)}{1 + d_1t + d_2t^2 + (d_3 + d_4t)R}$							
rt	1.1641102	$r_t = c_0 + c_1t + c_2t^2 + c_3t^3 + c_4t^4$							
Rt	0.0099879	$R_t = \frac{R}{R_p \times r_t}$							
Delta S	-0.0010	$\text{Delta S} = \frac{(t-15)}{1+k(t-15)} (b_0 + b_1R_t^{1/2} + b_2R_t + b_3R_t^{3/2} + b_4R_t^2 + b_5R_t^{5/2})$							
S = Salinity	0.257	$S = a_0 + a_1R_t^{1/2} + a_2R_t + a_3R_t^{3/2} + a_4R_t^2 + a_5R_t^{5/2} + \text{delta S}$							
a0	0.0080	b0	0.0005	c0	0.6766097	d1	3.426E-02	e1	2.070E-04
a1	-0.1692	b1	-0.0056	c1	2.00564E-02	d2	4.464E-04	e2	-6.370E-08
a2	25.3851	b2	-0.0066	c2	1.104259E-04	d3	4.215E-01	e3	3.989E-12
a3	14.0941	b3	-0.0375	c3	-6.9698E-07	d4	-3.107E-03		
a4	-7.0261	b4	0.0636	c4	1.0031E-09				
a5	2.7081	b5	-0.0144						
		k	0.0162						

R = ratio of measured conductivity to the conductivity of the Standard Seawater Solution

Conductivity Ratio R is a function of salinity, temperature, and hydraulic pressure. So that we can factor R into three parts i.e.

$$R = R_t \times R_p \times r_t$$

$$R = C(S, t, p) / C(35, 15, 0)$$

C = 42.914 mS/cm at 15 deg C and 0 dbar pressure ie C(35,15,0) where 35 is the salinity

Ocean pressure is usually measured in decibars. 1 dbar = 10^{-1} bar = 10^5 dyne/cm² = 10^4 Pascal.

APPENDIX F.

SILTPROFILER GRAPHS

F.1 Location Xa

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

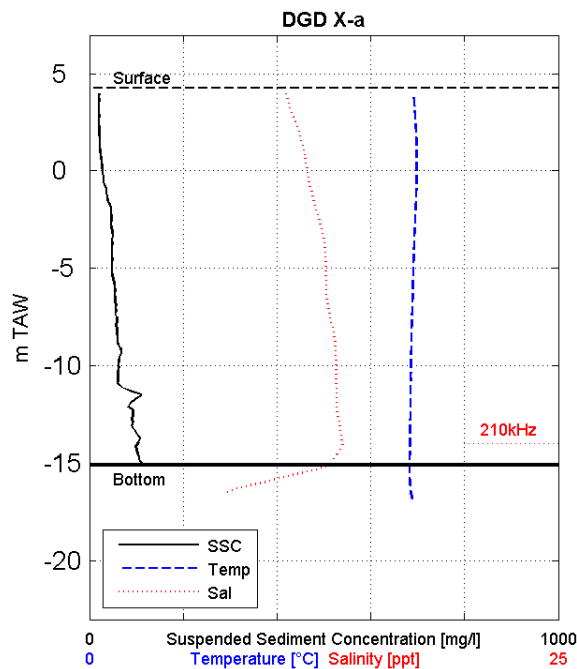
Sourcefile(s):

8008 Xa_ctd.sil

8023 Xa_ctd.sil

Location:

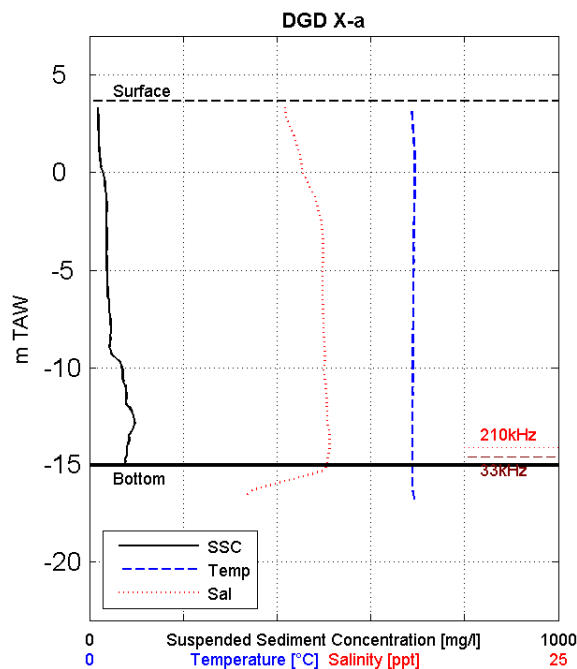
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:05
 Time after/before HT [MET]: 1:55
 Coordinates [UTM-ED50] Easting: 588560
 Coordinates [UTM-ED50] Northing: 5684340
 Water-Bottom Interface Siltpr. [m TAW]: -15.11
 Waterdepth 210 kHz Echo [m TAW]: -13.96
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.30

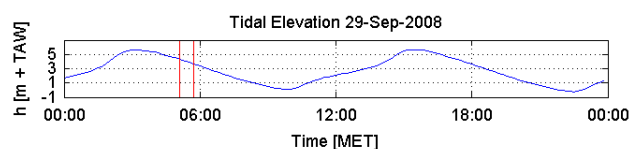
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.01	17.3	10.5	20
3.12	17.3	10.8	20
2.21	17.4	11.1	20
1.27	17.4	11.4	19
0.27	17.4	11.6	27
-0.74	17.4	11.8	33
-1.64	17.4	12.0	42
-2.53	17.4	12.3	47
-3.39	17.3	12.5	50
-4.30	17.3	12.6	48
-5.16	17.3	12.6	46
-6.00	17.3	12.6	52
-6.91	17.2	12.7	55
-7.86	17.1	12.9	57
-8.82	17.1	13.1	61
-9.76	17.1	13.1	62
-10.67	17.1	13.1	62
-11.52	17.1	13.1	113
-12.41	17.1	13.2	94
-13.22	17.1	13.4	94
-14.09	17.1	13.5	98
-14.94	17.1	12.9	109
-15.11	17.1	12.8	115
Depth Avg			
	17.2	12.4	54



Siltprofiler

Date & Time [MET]: 29/9/2008 05:42
 Time after/before HT [MET]: 2:32
 Coordinates [UTM-ED50] Easting: 588565
 Coordinates [UTM-ED50] Northing: 5684353
 Water-Bottom Interface Siltpr. [m TAW]: -15.04
 Waterdepth 210 kHz Echo [m TAW]: -14.16
 Waterdepth 33 kHz Echo [m TAW]: -14.62
 Surface Elevation [m TAW]: 3.67

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.37	17.2	10.4	17
2.58	17.2	10.6	20
1.72	17.3	11.0	19
0.89	17.3	11.2	22
0.08	17.3	11.3	29
-0.81	17.3	11.8	34
-1.69	17.3	12.1	36
-2.58	17.3	12.3	35
-3.39	17.3	12.4	37
-4.33	17.3	12.4	39
-5.28	17.3	12.4	36
-6.20	17.3	12.4	38
-7.05	17.3	12.4	40
-7.92	17.3	12.5	45
-8.89	17.2	12.5	43
-9.73	17.3	12.5	65
-10.57	17.2	12.5	70
-11.48	17.2	12.6	78
-12.33	17.2	12.7	92
-13.22	17.2	12.8	92
-14.06	17.2	12.8	79
-15.04	17.2	12.7	78
-15.04	17.2	12.7	78
Depth Avg			
	17.3	12.1	47



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

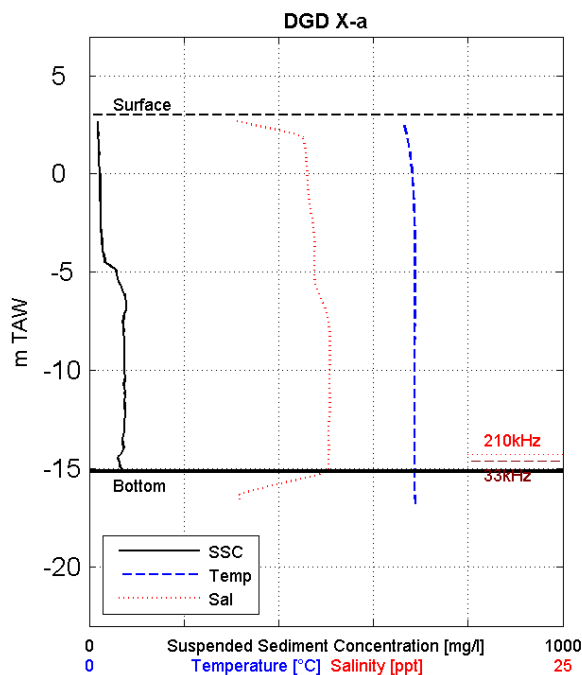
Sourcefile(s):

8038 Xa_ctd.sil

8054 Xa_ctd.sil

Location:

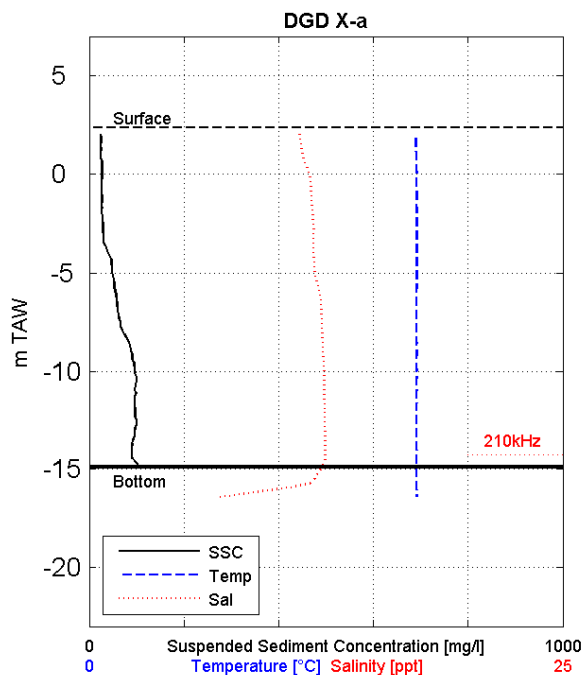
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:16
 Time after/before HT [MET]: 3:06
 Coordinates [UTM-ED50] Easting: 588553
 Coordinates [UTM-ED50] Northing: 5684350
 Water-Bottom Interface Siltpr. [m TAW]: -15.15
 Waterdepth 210 kHz Echo [m TAW]: -14.26
 Waterdepth 33 kHz Echo [m TAW]: -14.61
 Surface Elevation [m TAW]: 3.05

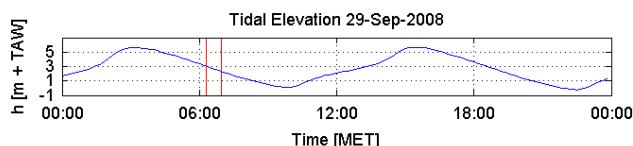
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.77	16.5	7.5	19
1.98	16.8	11.2	18
1.20	16.9	11.4	19
0.43	17.0	11.5	20
-0.40	17.1	11.5	23
-1.23	17.1	11.6	23
-2.07	17.2	11.7	22
-2.90	17.2	11.8	24
-3.69	17.2	11.9	28
-4.55	17.2	11.8	35
-5.46	17.2	11.9	62
-6.30	17.2	12.2	76
-7.13	17.2	12.5	72
-7.99	17.2	12.7	72
-8.90	17.1	12.7	73
-9.79	17.1	12.7	72
-10.67	17.1	12.7	71
-11.60	17.1	12.7	75
-12.51	17.1	12.6	75
-13.40	17.2	12.6	72
-14.26	17.1	12.6	64
-15.15	17.2	12.6	78
-15.15	17.2	12.6	78
Depth Avg	17.1	12.0	50



Siltprofiler

Date & Time [MET]: 29/9/2008 06:56
 Time after/before HT [MET]: 3:46
 Coordinates [UTM-ED50] Easting: 588558
 Coordinates [UTM-ED50] Northing: 5684346
 Water-Bottom Interface Siltpr. [m TAW]: -14.93
 Waterdepth 210 kHz Echo [m TAW]: -14.28
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.06	17.2	11.1	23
1.25	17.3	11.2	24
0.39	17.3	11.5	27
-0.43	17.3	11.7	26
-1.24	17.3	11.7	26
-2.03	17.3	11.8	26
-2.79	17.3	11.8	28
-3.64	17.3	11.8	36
-4.56	17.3	11.9	47
-5.39	17.3	12.0	52
-6.22	17.3	12.2	57
-7.09	17.3	12.2	62
-7.94	17.3	12.3	73
-8.73	17.3	12.3	85
-9.57	17.3	12.4	95
-10.33	17.3	12.4	99
-11.14	17.3	12.4	98
-11.88	17.3	12.4	96
-12.61	17.2	12.4	99
-13.38	17.3	12.4	95
-14.11	17.3	12.4	89
-14.83	17.3	12.3	107
-14.93	17.3	12.2	117
Depth Avg	17.3	12.0	60



Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

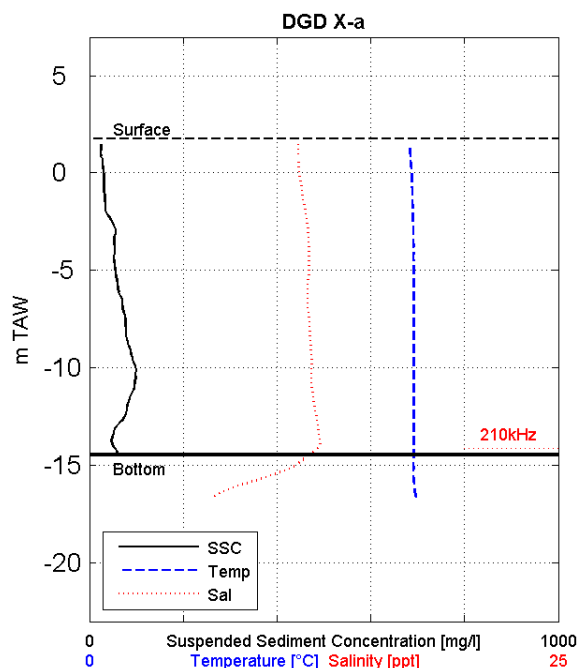
SiltProfiler & CTD-Diver

Sourcefile(s):

8069 Xa_ctd.sil
8084 Xa_ctd.sil

Location:

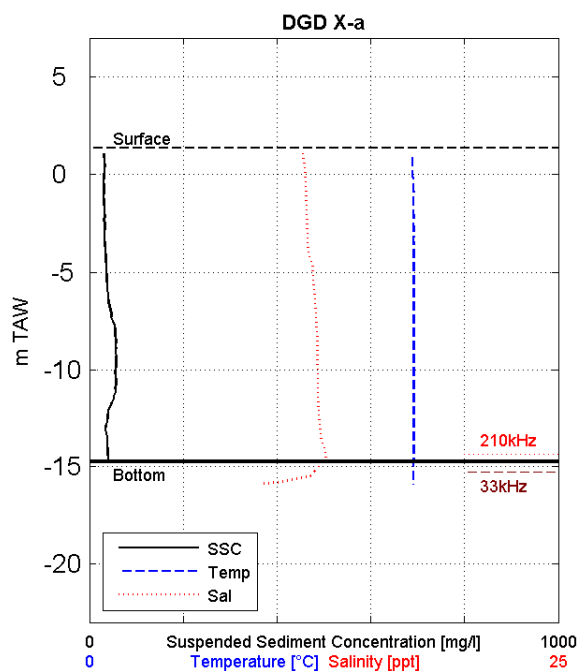
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:28
Time after/before HT [MET]: 4:18
Coordinates [UTM-ED50] Easting: 588574
Coordinates [UTM-ED50] Northing: 5684335
Water-Bottom Interface Siltpr. [m TAW]: -14.47
Waterdepth 210 kHz Echo [m TAW]: -14.11
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 1.78

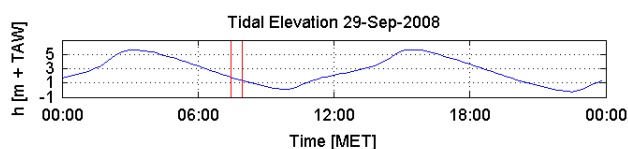
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.50	17.1	NaN	24
0.81	17.1	11.1	26
0.12	17.2	11.2	30
-0.62	17.2	11.3	31
-1.32	17.2	11.4	33
-2.02	17.2	11.5	35
-2.83	17.2	11.6	54
-3.59	17.3	11.7	54
-4.37	17.3	11.7	51
-5.24	17.3	11.7	57
-5.99	17.3	11.7	62
-6.76	17.3	11.7	69
-7.44	17.3	11.7	76
-8.23	17.3	11.7	77
-8.95	17.3	11.8	84
-9.66	17.3	11.8	94
-10.44	17.3	11.8	97
-11.13	17.3	11.9	94
-11.85	17.3	12.0	81
-12.56	17.3	12.1	72
-13.30	17.3	12.2	51
-14.08	17.3	12.2	51
-14.47	17.3	11.7	62
Depth Avg	17.3	11.7	60



Siltprofiler

Date & Time [MET]: 29/9/2008 07:57
Time after/before HT [MET]: 4:47
Coordinates [UTM-ED50] Easting: 588555
Coordinates [UTM-ED50] Northing: 5684361
Water-Bottom Interface Siltpr. [m TAW]: -14.76
Waterdepth 210 kHz Echo [m TAW]: -14.37
Waterdepth 33 kHz Echo [m TAW]: -15.30
Surface Elevation [m TAW]: 1.34

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.05	17.3	11.4	30
0.31	17.2	11.5	31
-0.46	17.3	11.5	31
-1.19	17.3	11.6	30
-1.95	17.3	11.6	31
-2.74	17.3	11.6	32
-3.55	17.3	11.6	32
-4.32	17.3	11.8	36
-5.10	17.3	11.9	36
-5.86	17.3	12.0	37
-6.62	17.3	12.0	40
-7.41	17.3	12.1	48
-8.12	17.3	12.1	55
-8.84	17.3	12.2	55
-9.53	17.3	12.2	57
-10.31	17.3	12.2	56
-11.09	17.3	12.2	55
-11.83	17.3	12.2	47
-12.54	17.3	12.2	40
-13.33	17.3	12.3	37
-13.99	17.3	12.5	36
-14.76	17.3	12.4	41
-14.76	17.3	12.4	40
Depth Avg	17.3	11.9	40



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

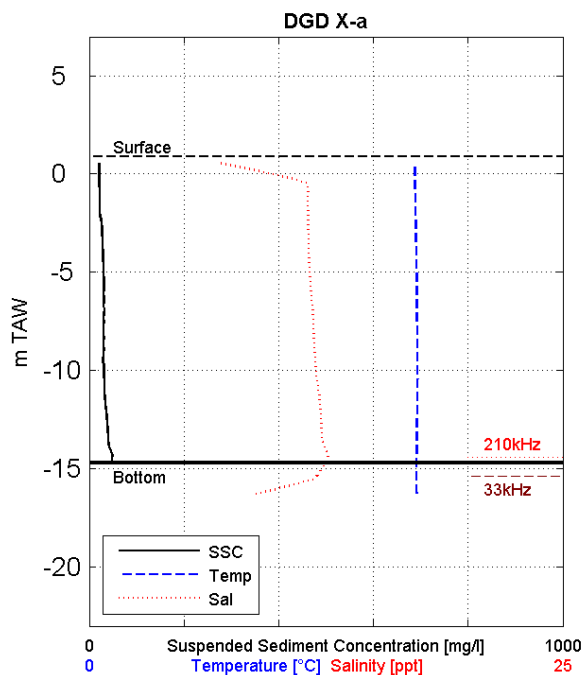
Sourcefile(s):

8099 Xa_ctd.sil

8119 Xa_ctd.sil

Location:

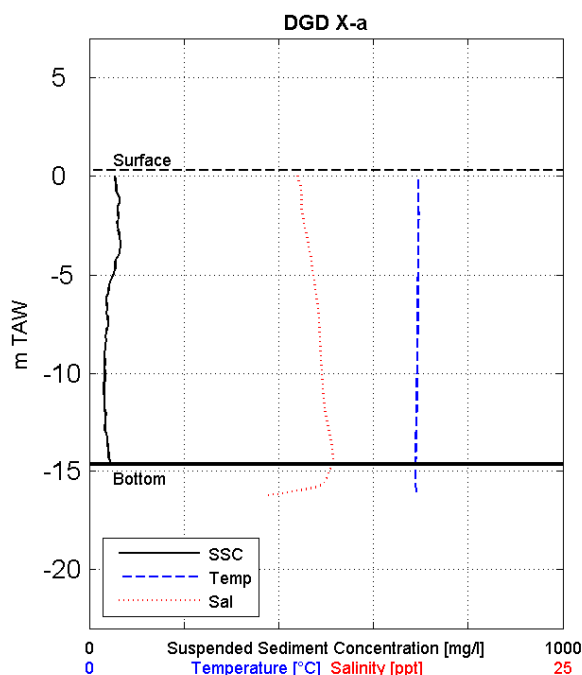
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 08:27
 Time after/before HT [MET]: 5:17
 Coordinates [UTM-ED50] Easting: 588557
 Coordinates [UTM-ED50] Northing: 5684362
 Water-Bottom Interface Siltpr. [m TAW]: -14.72
 Waterdepth 210 kHz Echo [m TAW]: -14.42
 Waterdepth 33 kHz Echo [m TAW]: -15.37
 Surface Elevation [m TAW]: 0.91

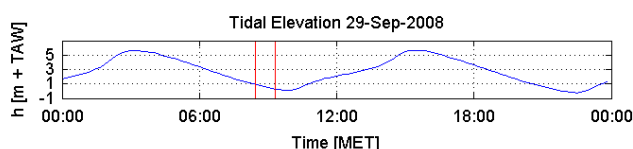
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.59	17.2	6.5	21
-0.14	17.2	10.2	22
-0.96	17.2	11.5	22
-1.70	17.2	11.5	22
-2.43	17.2	11.6	25
-3.09	17.2	11.6	27
-3.81	17.2	11.6	28
-4.45	17.3	11.6	30
-5.26	17.2	11.6	32
-5.97	17.3	11.7	31
-6.71	17.3	11.8	28
-7.49	17.3	11.8	29
-8.26	17.3	11.8	31
-9.04	17.3	11.9	31
-9.78	17.3	11.9	30
-10.56	17.3	12.0	32
-11.25	17.3	12.1	33
-11.90	17.3	12.2	34
-12.56	17.3	12.2	37
-13.24	17.3	12.3	39
-13.89	17.3	12.4	41
-14.60	17.3	12.5	49
-14.72	17.2	12.4	49
Depth Avg	17.3	11.6	30



Siltprofiler

Date & Time [MET]: 29/9/2008 09:19
 Time after/before HT [MET]: 6:09
 Coordinates [UTM-ED50] Easting: 588535
 Coordinates [UTM-ED50] Northing: 5684346
 Water-Bottom Interface Siltpr. [m TAW]: -14.69
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.31

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.01	17.4	11.0	54
-0.75	17.4	11.2	57
-1.51	17.4	11.2	59
-2.23	17.4	11.3	60
-2.94	17.4	11.5	62
-3.60	17.4	11.6	65
-4.34	17.3	11.7	54
-5.05	17.3	11.8	51
-5.81	17.3	11.9	40
-6.57	17.3	12.1	38
-7.27	17.3	12.1	39
-7.95	17.3	12.2	35
-8.69	17.3	12.2	34
-9.40	17.3	12.2	32
-10.06	17.3	12.3	32
-10.68	17.3	12.3	31
-11.34	17.3	12.4	31
-11.96	17.3	12.4	33
-12.65	17.3	12.6	33
-13.36	17.2	12.8	37
-14.04	17.2	12.8	41
-14.69	17.2	12.8	44
Depth Avg	17.3	12.0	44



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

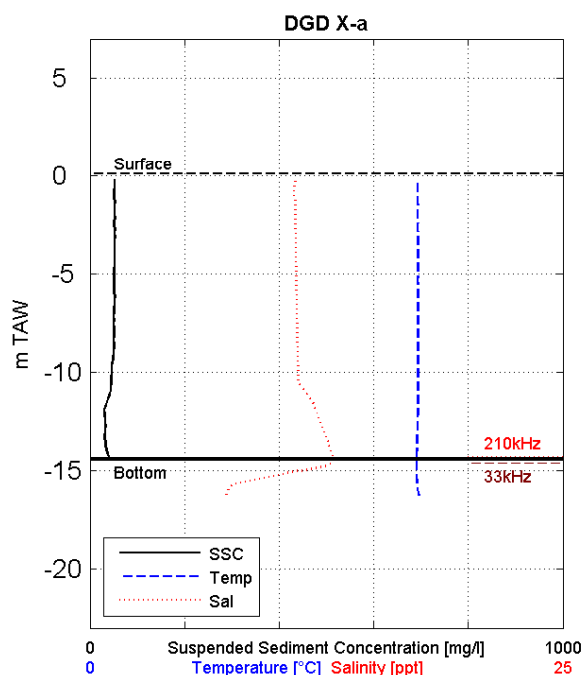
Sourcefile(s):

8134 Xa_ctd.sil

8149 Xa_ctd.sil

Location:

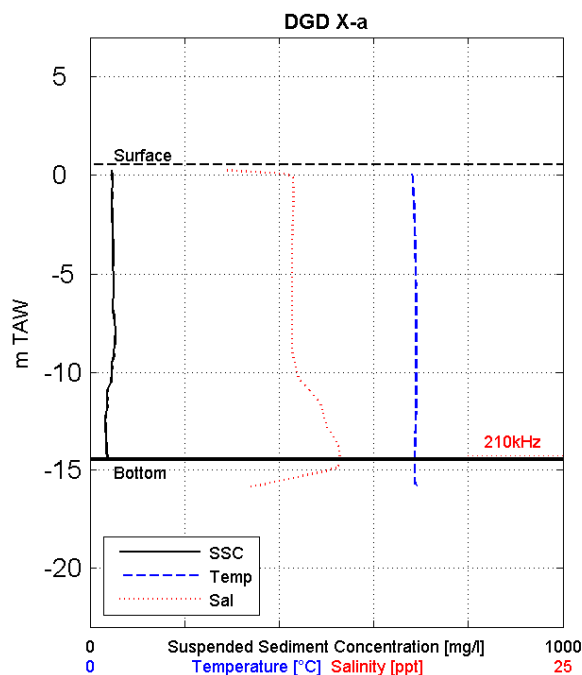
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 09:57
 Time after/before HT [MET]: 0:07
 Coordinates [UTM-ED50] Easting: 588563
 Coordinates [UTM-ED50] Northing: 5684357
 Water-Bottom Interface Siltpr. [m TAW]: -14.41
 Waterdepth 210 kHz Echo [m TAW]: -14.28
 Waterdepth 33 kHz Echo [m TAW]: -14.59
 Surface Elevation [m TAW]: 0.12

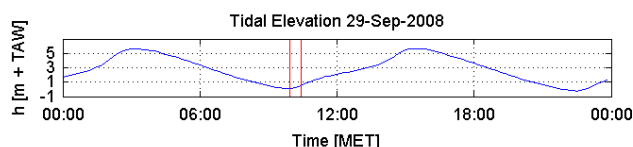
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.16	17.3	NaN	52
-0.82	17.3	10.8	51
-1.53	17.3	10.8	52
-2.26	17.3	10.8	52
-2.91	17.3	10.8	52
-3.60	17.3	10.8	51
-4.35	17.3	10.9	51
-5.05	17.3	10.9	49
-5.76	17.3	10.9	50
-6.49	17.3	10.9	51
-7.16	17.3	10.9	51
-7.87	17.3	10.9	52
-8.54	17.3	11.0	50
-9.25	17.3	11.0	49
-9.93	17.3	11.0	45
-10.60	17.3	11.1	44
-11.24	17.3	11.6	39
-11.97	17.3	12.0	28
-12.61	17.3	12.2	32
-13.20	17.3	12.4	30
-13.79	17.3	12.7	34
-14.41	17.2	12.9	42
-14.41	17.2	12.9	42
Depth Avg	17.3	11.2	46



Siltprofiler

Date & Time [MET]: 29/9/2008 10:26
 Time after/before HT [MET]: 0:36
 Coordinates [UTM-ED50] Easting: 588558
 Coordinates [UTM-ED50] Northing: 5684340
 Water-Bottom Interface Siltpr. [m TAW]: -14.46
 Waterdepth 210 kHz Echo [m TAW]: -14.29
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.54

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.26	17.0	6.9	47
-0.47	17.1	10.7	47
-1.24	17.1	10.7	45
-2.00	17.1	10.7	47
-2.71	17.1	10.7	47
-3.47	17.2	10.7	47
-4.14	17.2	10.7	49
-4.80	17.2	10.7	48
-5.56	17.2	10.6	48
-6.27	17.2	10.6	47
-6.94	17.3	10.6	51
-7.65	17.2	10.6	54
-8.33	17.2	10.7	54
-9.03	17.2	10.7	51
-9.78	17.3	10.9	47
-10.47	17.2	11.2	45
-11.19	17.2	11.8	36
-11.87	17.2	12.3	35
-12.47	17.2	12.4	31
-13.15	17.2	12.7	32
-13.79	17.2	13.2	35
-14.43	17.1	13.2	35
-14.46	17.1	13.2	37
Depth Avg	17.2	11.1	45



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

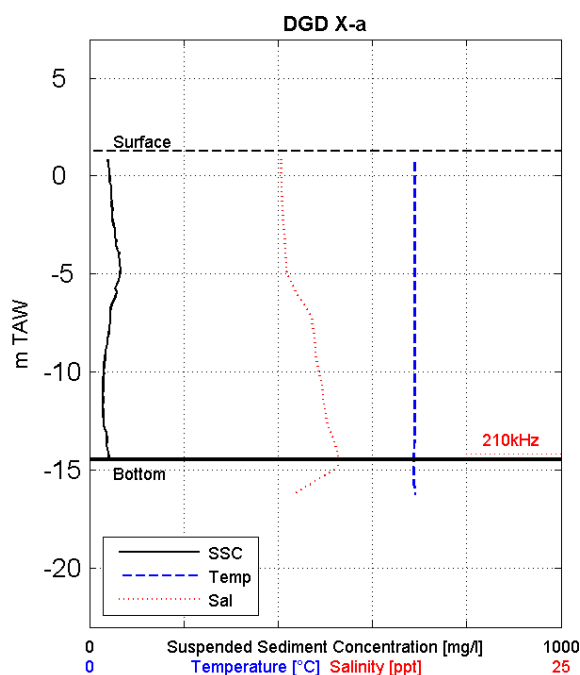
Sourcefile(s):

8164 Xa_ctd.sil

8179 Xa_ctd.sil

Location:

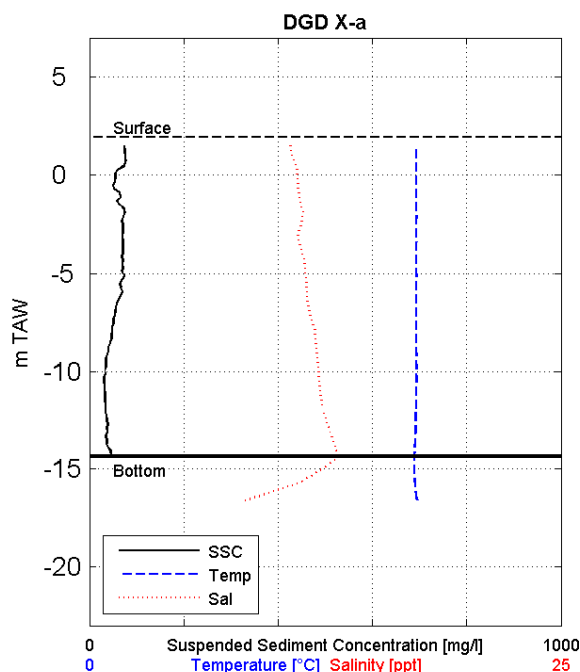
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 11:02
Time after/before HT [MET]: 1:12
Coordinates [UTM-ED50] Easting: 588568
Coordinates [UTM-ED50] Northing: 5684335
Water-Bottom Interface Siltpr. [m TAW]: -14.49
Waterdepth 210 kHz Echo [m TAW]: -14.16
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 1.29

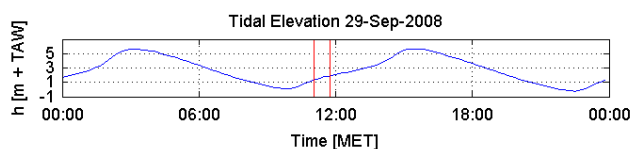
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.96	17.2	10.1	38
0.17	17.2	10.1	41
-0.61	17.2	10.2	46
-1.39	17.3	10.2	48
-2.18	17.3	10.2	48
-2.95	17.3	10.3	54
-3.75	17.2	10.4	58
-4.47	17.2	10.4	63
-5.18	17.2	10.6	63
-5.84	17.2	10.9	57
-6.51	17.2	11.3	47
-7.25	17.2	11.8	45
-7.98	17.3	11.9	42
-8.72	17.2	11.9	36
-9.45	17.3	12.0	30
-10.12	17.3	12.2	30
-10.76	17.3	12.3	28
-11.49	17.3	12.4	29
-12.14	17.3	12.5	28
-12.80	17.3	12.7	30
-13.37	17.2	12.9	36
-14.03	17.2	13.1	40
-14.49	17.2	13.2	54
Depth Avg			
17.2 11.3 43			



Siltprofiler

Date & Time [MET]: 29/9/2008 11:44
Time after/before HT [MET]: 1:54
Coordinates [UTM-ED50] Easting: 588579
Coordinates [UTM-ED50] Northing: 5684339
Water-Bottom Interface Siltpr. [m TAW]: -14.40
Waterdepth 210 kHz Echo [m TAW]: NaN
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 1.91

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.60	17.3	10.6	73
0.85	17.3	10.8	77
0.08	17.3	11.0	55
-0.70	17.3	11.1	53
-1.51	17.3	11.2	62
-2.21	17.3	11.3	69
-2.91	17.3	11.1	69
-3.68	17.3	11.2	70
-4.44	17.3	11.4	70
-5.25	17.3	11.5	71
-5.99	17.3	11.5	67
-6.72	17.3	11.6	55
-7.44	17.3	11.8	49
-8.22	17.3	12.0	47
-8.92	17.3	12.0	38
-9.60	17.3	12.1	35
-10.39	17.3	12.2	30
-11.10	17.3	12.2	33
-11.81	17.3	12.3	31
-12.52	17.3	12.5	37
-13.16	17.3	12.8	37
-13.97	17.2	13.1	39
-14.40	17.2	13.2	48
Depth Avg			
17.3 11.7 54			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

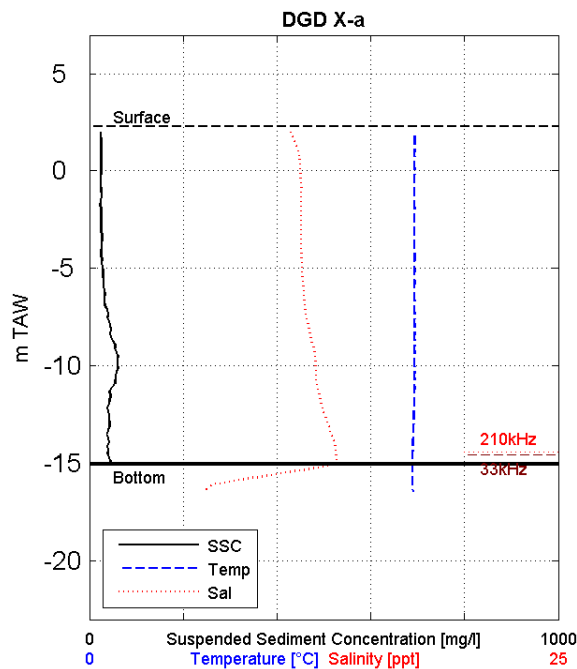
SiltProfiler & CTD-Diver

Sourcefile(s):

8194 Xa_ctd.sil
8214 Xa_ctd.sil

Location:

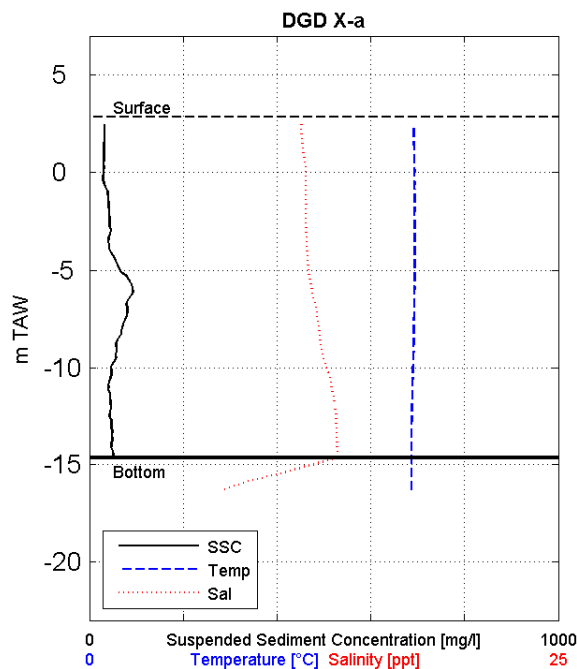
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:20
Time after/before HT [MET]: 2:30
Coordinates [UTM-ED50] Easting: 588551
Coordinates [UTM-ED50] Northing: 5684364
Water-Bottom Interface Siltpr. [m TAW]: -15.03
Waterdepth 210 kHz Echo [m TAW]: -14.42
Waterdepth 33 kHz Echo [m TAW]: -14.57
Surface Elevation [m TAW]: 2.30

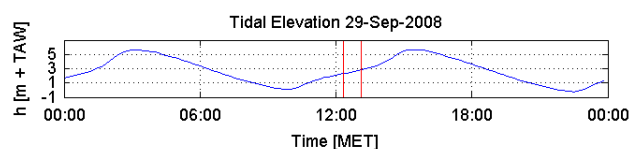
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.01	17.3	10.7	24
1.15	17.3	11.1	26
0.26	17.3	11.2	26
-0.57	17.3	11.3	24
-1.48	17.3	11.3	23
-2.22	17.3	11.3	24
-3.01	17.3	11.3	24
-3.86	17.3	11.3	26
-4.70	17.3	11.3	24
-5.42	17.3	11.4	28
-6.13	17.3	11.4	32
-6.91	17.3	11.5	32
-7.68	17.3	11.6	43
-8.48	17.3	11.8	44
-9.35	17.3	12.0	61
-10.16	17.3	12.1	62
-10.97	17.3	12.1	53
-11.75	17.3	12.3	43
-12.47	17.3	12.5	40
-13.18	17.3	12.8	42
-13.92	17.2	13.1	41
-14.70	17.2	13.2	42
-15.03	17.1	13.2	45
Depth Avg			
17.3 11.7 35			



Siltprofiler

Date & Time [MET]: 29/9/2008 13:06
Time after/before HT [MET]: 3:16
Coordinates [UTM-ED50] Easting: 588547
Coordinates [UTM-ED50] Northing: 5684347
Water-Bottom Interface Siltpr. [m TAW]: -14.67
Waterdepth 210 kHz Echo [m TAW]: NaN
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 2.83

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.55	17.3	11.3	32
1.67	17.3	11.3	30
0.79	17.3	11.4	30
-0.15	17.3	11.5	30
-0.99	17.3	11.5	39
-1.80	17.3	11.5	43
-2.59	17.3	11.5	43
-3.35	17.3	11.6	40
-4.23	17.3	11.6	51
-5.02	17.3	11.7	64
-5.87	17.3	11.8	91
-6.69	17.3	12.0	78
-7.57	17.3	12.2	75
-8.43	17.3	12.3	60
-9.25	17.3	12.4	55
-9.98	17.3	12.7	45
-10.72	17.2	12.9	41
-11.48	17.2	13.0	42
-12.26	17.2	13.1	43
-13.01	17.2	13.2	44
-13.87	17.1	13.2	47
-14.67	17.1	13.2	49
-14.67	17.1	13.2	50
Depth Avg			
17.3 12.1 49			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

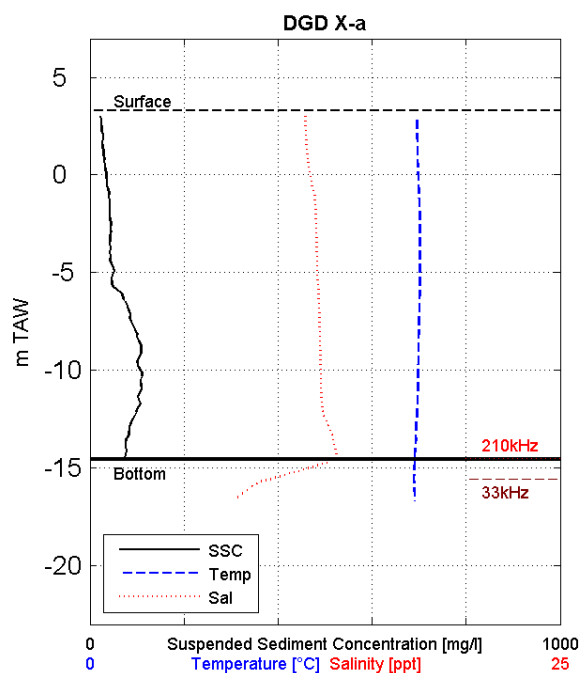
Sourcefile(s):

8229 Xa_ctd.sil

8244 Xa_ctd.sil

Location:

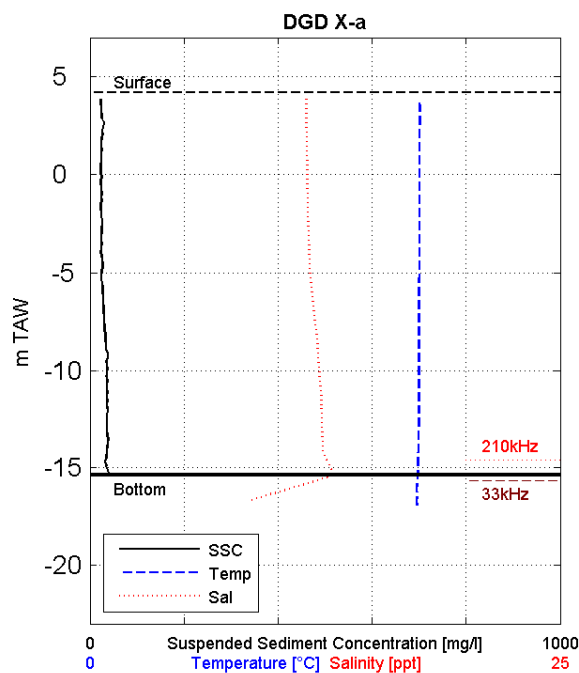
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:40
 Time after/before HT [MET]: 3:50
 Coordinates [UTM-ED50] Easting: 588532
 Coordinates [UTM-ED50] Northing: 5684348
 Water-Bottom Interface Siltpr. [m TAW]: -14.57
 Waterdepth 210 kHz Echo [m TAW]: -14.53
 Waterdepth 33 kHz Echo [m TAW]: -15.56
 Surface Elevation [m TAW]: 3.30

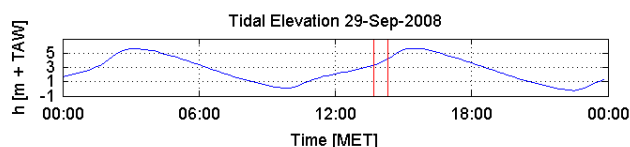
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.02	17.4	11.4	22
2.13	17.4	11.5	26
1.33	17.4	11.5	28
0.56	17.4	11.6	31
-0.20	17.4	11.7	35
-1.06	17.4	11.9	39
-1.94	17.5	12.0	41
-2.78	17.6	12.0	44
-3.57	17.6	12.1	40
-4.36	17.5	12.1	41
-5.14	17.5	12.1	47
-6.17	17.5	12.2	73
-7.01	17.5	12.2	86
-7.72	17.5	12.2	89
-8.43	17.4	12.2	105
-9.19	17.4	12.2	107
-9.93	17.4	12.3	106
-10.79	17.4	12.3	108
-11.61	17.4	12.3	107
-12.46	17.4	12.5	90
-13.32	17.3	12.9	83
-14.11	17.3	13.0	78
-14.57	17.3	13.1	73
Depth Avg			
17.4 12.1 64			



Siltprofiler

Date & Time [MET]: 29/9/2008 14:19
 Time after/before HT [MET]: 4:29
 Coordinates [UTM-ED50] Easting: 588540
 Coordinates [UTM-ED50] Northing: 5684354
 Water-Bottom Interface Siltpr. [m TAW]: -15.40
 Waterdepth 210 kHz Echo [m TAW]: -14.63
 Waterdepth 33 kHz Echo [m TAW]: -15.68
 Surface Elevation [m TAW]: 4.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.87	17.5	11.5	23
2.94	17.5	11.5	24
1.95	17.5	11.5	24
0.99	17.5	11.5	23
0.06	17.5	11.5	23
-0.85	17.5	11.6	25
-1.78	17.5	11.6	24
-2.66	17.5	11.6	26
-3.53	17.5	11.6	24
-4.48	17.5	11.7	25
-5.39	17.5	11.7	24
-6.25	17.5	11.8	26
-7.14	17.5	11.9	30
-8.10	17.5	12.0	33
-8.94	17.5	12.1	35
-9.86	17.5	12.2	36
-10.72	17.5	12.3	36
-11.56	17.5	12.3	37
-12.42	17.5	12.3	35
-13.26	17.4	12.3	36
-14.12	17.5	12.4	35
-14.96	17.4	12.8	36
-15.40	17.4	13.0	44
Depth Avg			
17.5 11.9 29			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

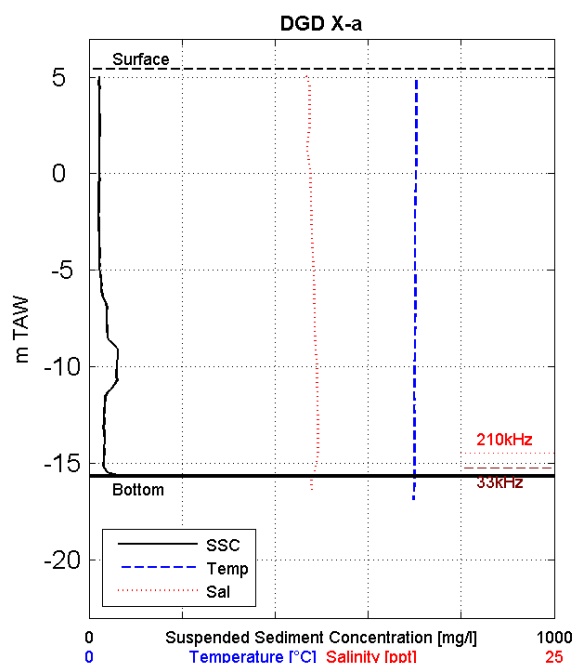
SiltProfiler & CTD-Diver

Sourcefile(s):

8259 Xa_ctd.sil
8274 Xa_ctd.sil

Location:

Deurganckdok

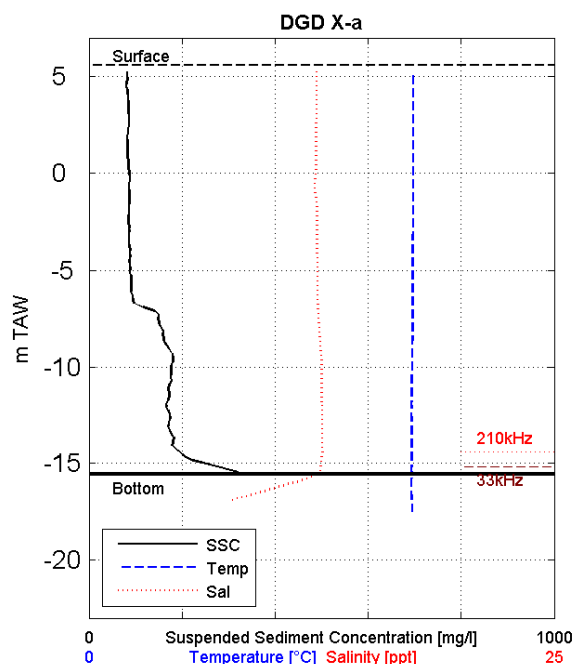


Siltprofiler

Date & Time [MET]: 29/9/2008 15:00
Time after/before HT [MET]: 5:10
Coordinates [UTM-ED50] Easting: 588546
Coordinates [UTM-ED50] Northing: 5684343
Water-Bottom Interface Siltpr. [m TAW]: -15.65
Waterdepth 210 kHz Echo [m TAW]: -14.45
Waterdepth 33 kHz Echo [m TAW]: -15.24
Surface Elevation [m TAW]: 5.44

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.12	17.6	11.6	22
4.11	17.6	11.8	22
3.10	17.6	11.9	23
2.14	17.6	11.8	24
1.13	17.6	11.7	21
0.08	17.6	11.9	22
-0.84	17.5	11.9	21
-1.79	17.5	11.9	21
-2.72	17.5	11.9	21
-3.74	17.5	12.0	21
-4.71	17.5	12.0	21
-5.65	17.5	12.1	26
-6.76	17.5	12.1	37
-7.76	17.5	12.1	38
-8.68	17.5	12.1	45
-9.61	17.5	12.2	62
-10.54	17.5	12.3	59
-11.52	17.5	12.3	34
-12.41	17.5	12.3	31
-13.30	17.5	12.3	34
-14.23	17.5	12.3	32
-15.21	17.5	12.1	31
-15.65	17.5	12.0	56

Depth Avg 17.5 12.0 30

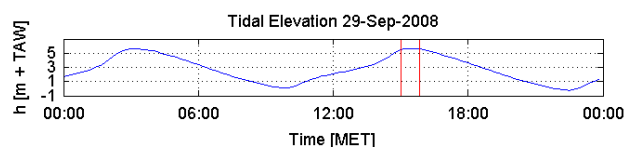


Siltprofiler

Date & Time [MET]: 29/9/2008 15:51
Time after/before HT [MET]: 6:01
Coordinates [UTM-ED50] Easting: 588545
Coordinates [UTM-ED50] Northing: 5684353
Water-Bottom Interface Siltpr. [m TAW]: -15.60
Waterdepth 210 kHz Echo [m TAW]: -14.42
Waterdepth 33 kHz Echo [m TAW]: -15.19
Surface Elevation [m TAW]: 5.59

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.30	17.4	12.2	82
4.27	17.4	12.2	83
3.13	17.4	12.2	85
2.12	17.4	12.2	83
1.22	17.4	12.2	83
0.21	17.4	12.2	84
-0.78	17.4	12.1	84
-1.76	17.4	12.2	85
-2.67	17.4	12.2	87
-3.72	17.4	12.2	88
-4.68	17.4	12.3	88
-5.64	17.4	12.3	89
-6.58	17.4	12.3	94
-7.63	17.4	12.3	148
-8.62	17.3	12.4	159
-9.52	17.4	12.5	180
-10.48	17.3	12.5	176
-11.39	17.4	12.5	173
-12.35	17.4	12.5	169
-13.26	17.3	12.5	173
-14.17	17.3	12.5	178
-15.13	17.3	12.4	282
-15.60	17.3	12.4	346

Depth Avg 17.4 12.3 125



Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

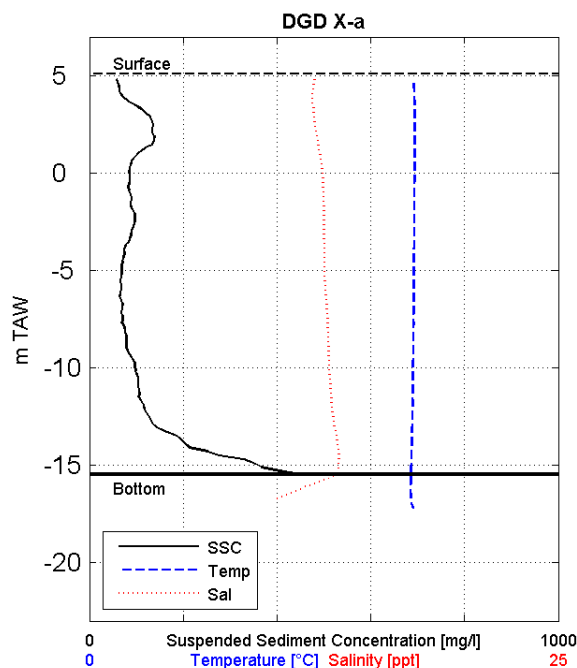
SiltProfiler & CTD-Diver

Sourcefile(s):

8289 Xa_ctd.sil
8300 Xa_ctd.sil

Location:

Deurganckdok

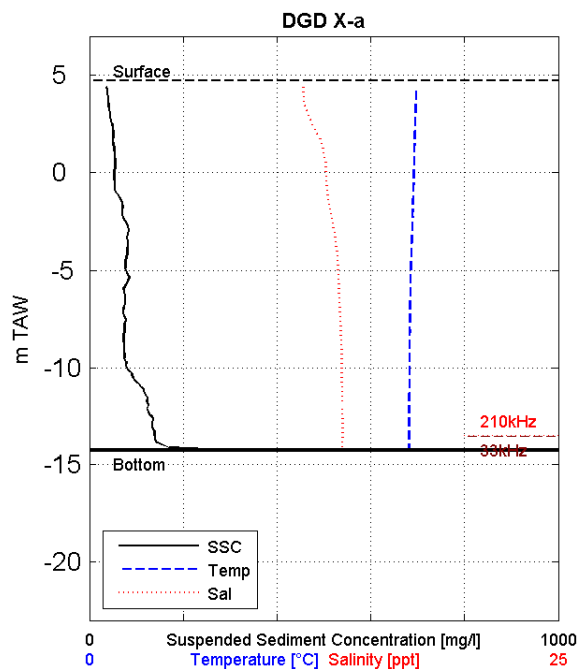


Siltprofiler

Date & Time [MET]: 29/9/2008 16:27
Time after/before HT [MET]: 6:37
Coordinates [UTM-ED50] Easting: 588536
Coordinates [UTM-ED50] Northing: 5684336
Water-Bottom Interface Siltpr. [m TAW]: -15.48
Waterdepth 210 kHz Echo [m TAW]: NaN
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 5.11

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.82	17.3	12.0	57
3.75	17.3	11.9	76
2.70	17.3	12.0	132
1.71	17.3	12.2	137
0.73	17.3	12.3	90
-0.25	17.3	12.4	88
-1.26	17.3	12.5	92
-2.21	17.3	12.5	98
-3.18	17.3	12.5	86
-4.04	17.3	12.5	73
-4.95	17.3	12.5	69
-5.95	17.3	12.6	66
-6.98	17.3	12.7	67
-7.90	17.3	12.7	75
-8.85	17.3	12.7	77
-9.76	17.2	12.8	97
-10.67	17.2	12.8	103
-11.48	17.2	12.9	106
-12.34	17.2	12.9	122
-13.25	17.2	13.1	156
-14.16	17.1	13.3	226
-15.04	17.1	13.3	366
-15.48	17.1	13.2	542

Depth Avg 17.3 12.6 112

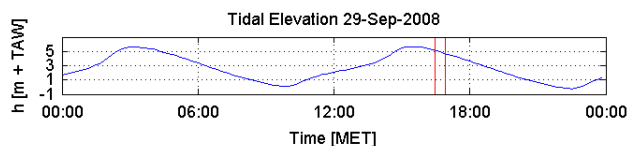


Siltprofiler

Date & Time [MET]: 29/9/2008 16:54
Time after/before HT [MET]: 7:04
Coordinates [UTM-ED50] Easting: 588743
Coordinates [UTM-ED50] Northing: 5684661
Water-Bottom Interface Siltpr. [m TAW]: -14.30
Waterdepth 210 kHz Echo [m TAW]: -13.51
Waterdepth 33 kHz Echo [m TAW]: -13.58
Surface Elevation [m TAW]: 4.70

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.40	17.4	11.4	35
3.52	17.4	11.5	40
2.64	17.4	11.8	48
1.75	17.3	12.3	51
0.89	17.3	12.5	53
-0.11	17.3	12.6	53
-1.07	17.3	12.7	58
-2.04	17.2	12.9	71
-3.06	17.2	13.1	85
-4.00	17.1	13.2	80
-4.93	17.1	13.2	76
-5.92	17.1	13.3	70
-6.90	17.1	13.3	72
-7.83	17.1	13.4	75
-8.81	17.0	13.4	72
-9.85	17.1	13.4	79
-10.78	17.0	13.4	101
-11.69	17.0	13.5	123
-12.60	17.0	13.5	136
-13.56	17.0	13.5	137
-14.20	17.0	13.5	82
-14.23	17.1	13.4	272
-14.30	17.0	NaN	212

Depth Avg 17.2 12.9 78



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

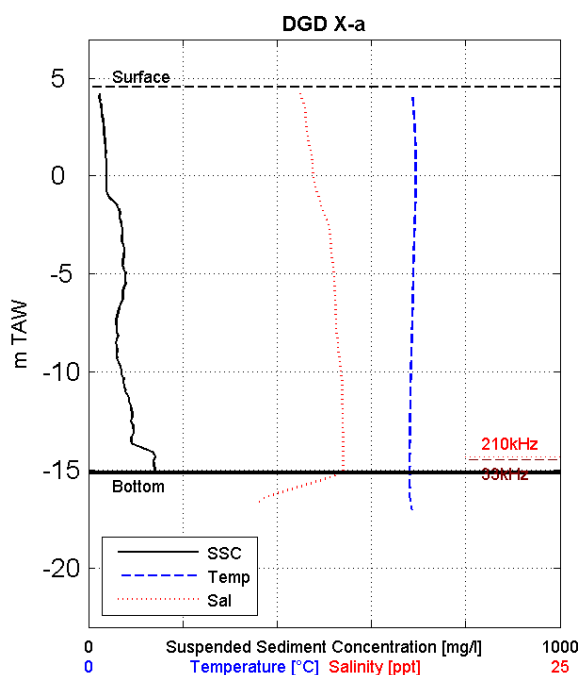
Sourcefile(s):

8304 Xa_ctd.sil

8319 Xa_ctd.sil

Location:

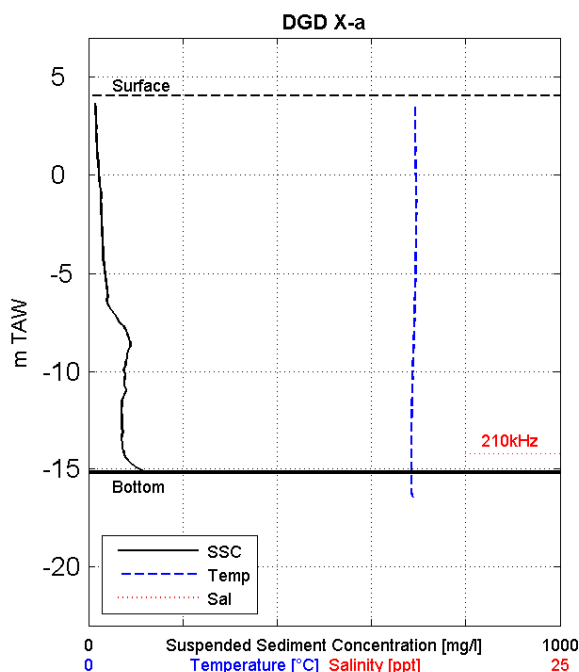
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:00
 Time after/before HT [MET]: 7:10
 Coordinates [UTM-ED50] Easting: 588550
 Coordinates [UTM-ED50] Northing: 5684340
 Water-Bottom Interface Siltpr. [m TAW]: -15.13
 Waterdepth 210 kHz Echo [m TAW]: -14.34
 Waterdepth 33 kHz Echo [m TAW]: -14.49
 Surface Elevation [m TAW]: 4.59

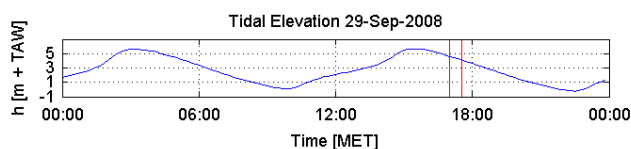
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.27	17.2	11.2	23
3.33	17.2	11.5	27
2.37	17.3	11.6	34
1.49	17.3	11.7	37
0.62	17.4	11.9	36
-0.29	17.4	12.0	37
-1.27	17.3	12.3	52
-2.20	17.3	12.6	66
-3.14	17.3	12.8	70
-4.14	17.2	12.9	74
-5.13	17.2	13.0	77
-6.06	17.2	13.1	74
-7.02	17.1	13.1	61
-7.98	17.1	13.1	60
-8.91	17.1	13.3	58
-9.84	17.1	13.4	67
-10.68	17.1	13.4	75
-11.49	17.1	13.5	83
-12.37	17.0	13.5	92
-13.29	17.0	13.5	90
-14.22	17.0	13.5	141
-15.06	17.0	13.5	139
-15.13	17.0	13.5	144
Depth Avg			
17.2			
12.7			
65			



Siltprofiler

Date & Time [MET]: 29/9/2008 17:33
 Time after/before HT [MET]: 7:43
 Coordinates [UTM-ED50] Easting: 588559
 Coordinates [UTM-ED50] Northing: 5684359
 Water-Bottom Interface Siltpr. [m TAW]: -15.22
 Waterdepth 210 kHz Echo [m TAW]: -14.25
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.07

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.75	17.3	NaN	14
2.92	17.3	NaN	14
2.09	17.3	NaN	17
1.27	17.3	NaN	18
0.41	17.3	NaN	21
-0.47	17.4	NaN	24
-1.41	17.4	NaN	27
-2.27	17.3	NaN	28
-3.17	17.3	NaN	29
-4.09	17.4	NaN	31
-5.04	17.3	NaN	35
-5.91	17.3	NaN	39
-6.81	17.3	NaN	48
-7.77	17.2	NaN	77
-8.73	17.2	NaN	88
-9.67	17.2	NaN	79
-10.60	17.1	NaN	76
-11.51	17.1	NaN	70
-12.44	17.1	NaN	70
-13.40	17.1	NaN	69
-14.29	17.1	NaN	75
-15.19	17.1	NaN	132
-15.22	17.1	NaN	137
Depth Avg			
17.3			
NaN			
48			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

F.2 Location Xb

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

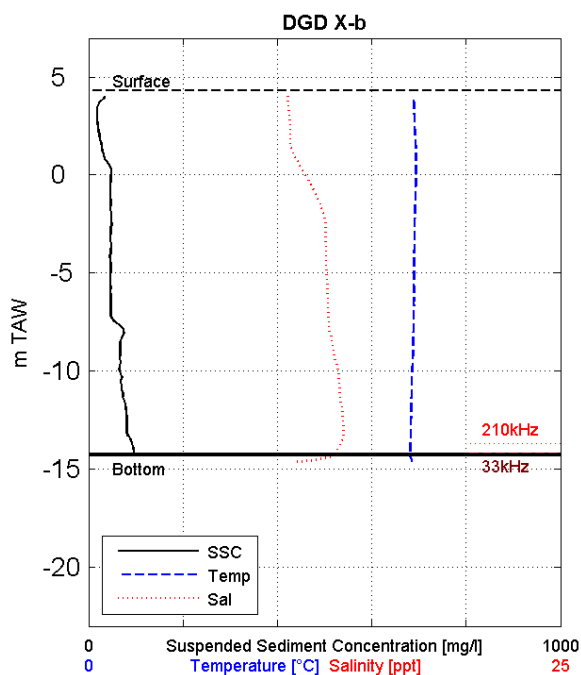
Sourcefile(s):

8007 Xb_ctd.sil

8022 Xb_ctd.sil

Location:

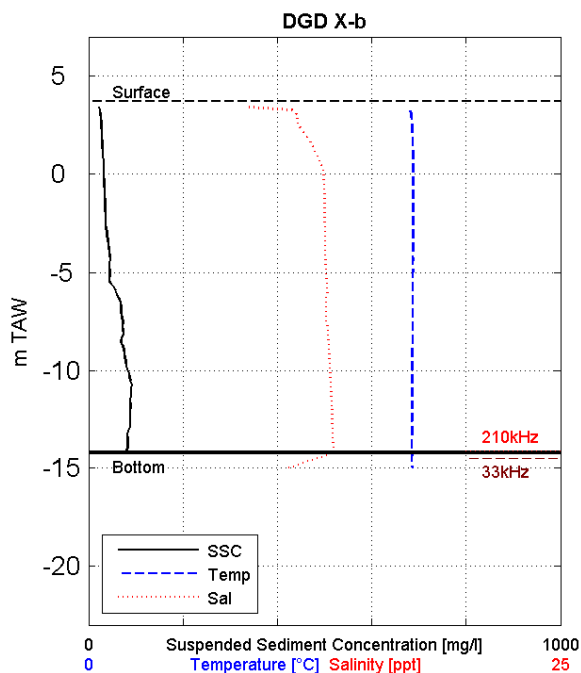
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:03
 Time after/before HT [MET]: 1:53
 Coordinates [UTM-ED50] Easting: 588607
 Coordinates [UTM-ED50] Northing: 5684416
 Water-Bottom Interface Siltpr. [m TAW]: -14.29
 Waterdepth 210 kHz Echo [m TAW]: -13.70
 Waterdepth 33 kHz Echo [m TAW]: -14.17
 Surface Elevation [m TAW]: 4.33

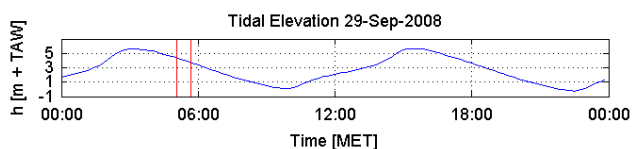
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.05	17.2	10.5	35
3.09	17.2	10.6	17
2.13	17.3	10.7	22
1.18	17.3	10.8	30
0.24	17.3	11.3	48
-0.65	17.3	11.9	45
-1.51	17.3	12.3	47
-2.39	17.3	12.5	47
-3.23	17.3	12.5	44
-4.06	17.2	12.6	45
-4.87	17.2	12.6	47
-5.75	17.2	12.6	47
-6.64	17.2	12.7	49
-7.50	17.2	12.7	56
-8.38	17.2	12.8	67
-9.24	17.2	13.0	65
-10.06	17.1	13.2	66
-10.89	17.1	13.3	70
-11.70	17.1	13.4	79
-12.54	17.1	13.5	81
-13.38	17.1	13.5	85
-14.23	17.0	13.0	93
-14.29	17.0	13.0	94
Depth Avg	17.2	12.3	52



Siltprofiler

Date & Time [MET]: 29/9/2008 05:40
 Time after/before HT [MET]: 2:30
 Coordinates [UTM-ED50] Easting: 588603
 Coordinates [UTM-ED50] Northing: 5684434
 Water-Bottom Interface Siltpr. [m TAW]: -14.25
 Waterdepth 210 kHz Echo [m TAW]: -14.12
 Waterdepth 33 kHz Echo [m TAW]: -14.52
 Surface Elevation [m TAW]: 3.71

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.42	17.0	8.4	21
2.53	17.1	11.1	25
1.67	17.1	11.7	28
0.83	17.2	12.2	29
-0.02	17.2	12.4	32
-0.93	17.2	12.5	32
-1.80	17.2	12.5	36
-2.70	17.2	12.5	37
-3.47	17.1	12.5	41
-4.31	17.2	12.5	44
-5.17	17.2	12.6	44
-6.00	17.2	12.6	59
-6.81	17.2	12.6	69
-7.64	17.1	12.6	72
-8.41	17.1	12.7	67
-9.24	17.1	12.7	76
-10.15	17.1	12.8	85
-10.97	17.1	12.8	89
-11.82	17.1	12.9	88
-12.68	17.1	12.9	88
-13.44	17.1	12.9	82
-14.25	17.1	12.9	80
-14.25	17.1	12.9	80
Depth Avg	17.1	12.4	55



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

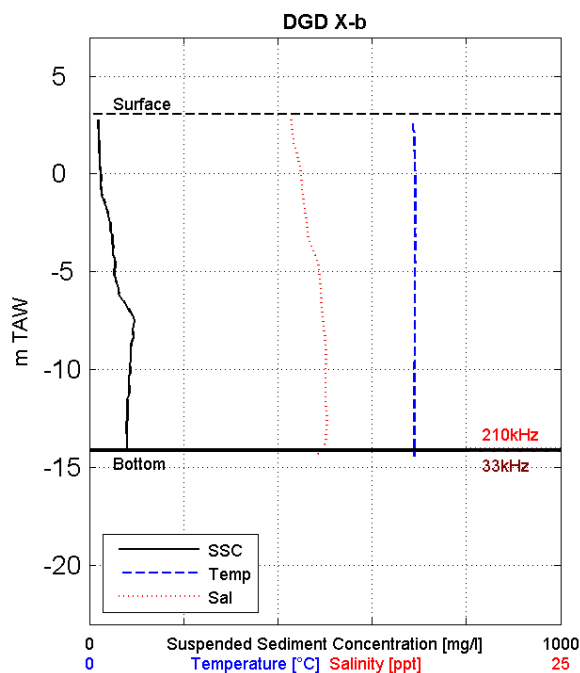
Sourcefile(s):

8037 Xb_ctd.sil

8053 Xb_ctd.sil

Location:

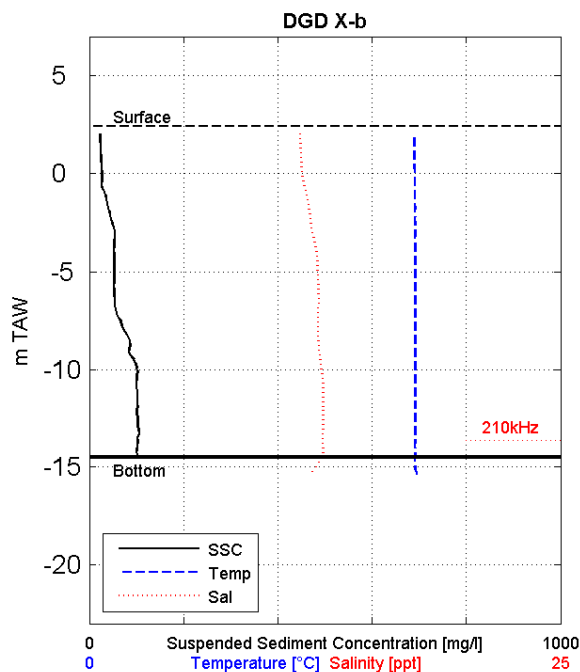
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:14
 Time after/before HT [MET]: 3:04
 Coordinates [UTM-ED50] Easting: 588612
 Coordinates [UTM-ED50] Northing: 5684423
 Water-Bottom Interface Siltpr. [m TAW]: -14.12
 Waterdepth 210 kHz Echo [m TAW]: -13.99
 Waterdepth 33 kHz Echo [m TAW]: -14.20
 Surface Elevation [m TAW]: 3.09

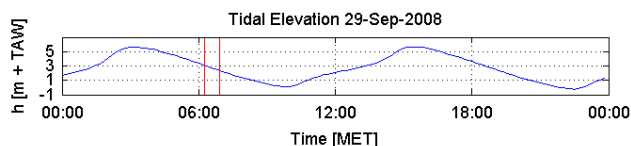
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.81	17.2	10.7	18
1.98	17.2	10.8	19
1.16	17.3	11.0	21
0.41	17.3	11.2	22
-0.40	17.3	11.3	24
-1.10	17.3	11.3	26
-1.98	17.3	11.4	38
-2.77	17.3	11.6	43
-3.57	17.3	11.7	47
-4.39	17.3	12.1	54
-5.20	17.3	12.2	53
-6.01	17.3	12.3	62
-6.82	17.3	12.3	80
-7.60	17.2	12.4	95
-8.39	17.3	12.5	92
-9.18	17.3	12.6	87
-9.94	17.2	12.5	87
-10.71	17.3	12.5	80
-11.49	17.2	12.5	81
-12.27	17.2	12.6	80
-13.01	17.2	12.6	77
-13.78	17.2	12.5	80
-14.12	17.2	12.3	81
Depth Avg	17.2	11.9	58



Siltprofiler

Date & Time [MET]: 29/9/2008 06:54
 Time after/before HT [MET]: 3:44
 Coordinates [UTM-ED50] Easting: 588596
 Coordinates [UTM-ED50] Northing: 5684409
 Water-Bottom Interface Siltpr. [m TAW]: -14.51
 Waterdepth 210 kHz Echo [m TAW]: -13.68
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.39

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.08	17.2	11.2	21
1.10	17.3	11.2	23
0.19	17.3	11.3	26
-0.81	17.3	11.4	29
-1.87	17.3	11.7	41
-2.66	17.3	11.8	52
-3.50	17.3	11.9	54
-4.43	17.3	12.1	52
-5.01	17.3	12.1	52
-5.06	17.3	12.1	52
-5.34	17.3	12.1	53
-5.80	17.3	12.1	51
-6.51	17.3	12.2	54
-7.28	17.3	12.1	60
-8.14	17.3	12.1	79
-9.00	17.3	12.2	83
-9.96	17.3	12.3	100
-10.79	17.3	12.4	98
-11.61	17.3	12.4	101
-12.51	17.3	12.4	103
-13.44	17.3	12.4	104
-14.30	17.3	12.4	100
-14.51	17.3	12.4	339
Depth Avg	17.3	12.0	64



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

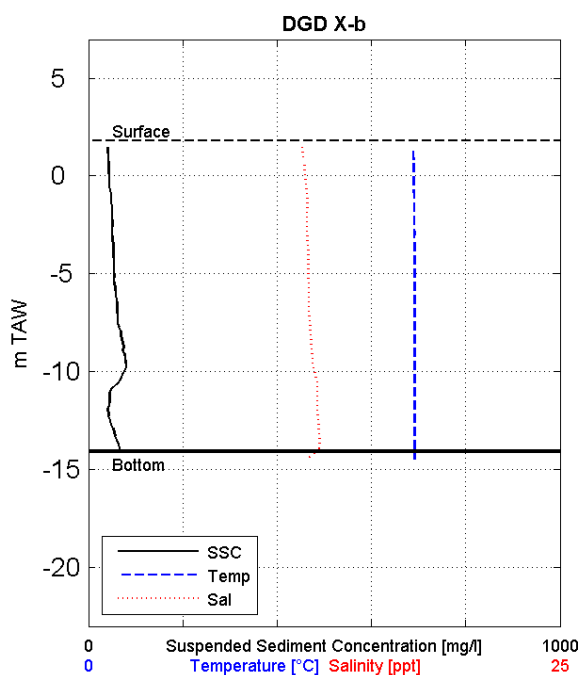
SiltProfiler & CTD-Diver

Sourcefile(s):

8068 Xb_ctd.sil
8083 Xb_ctd.sil

Location:

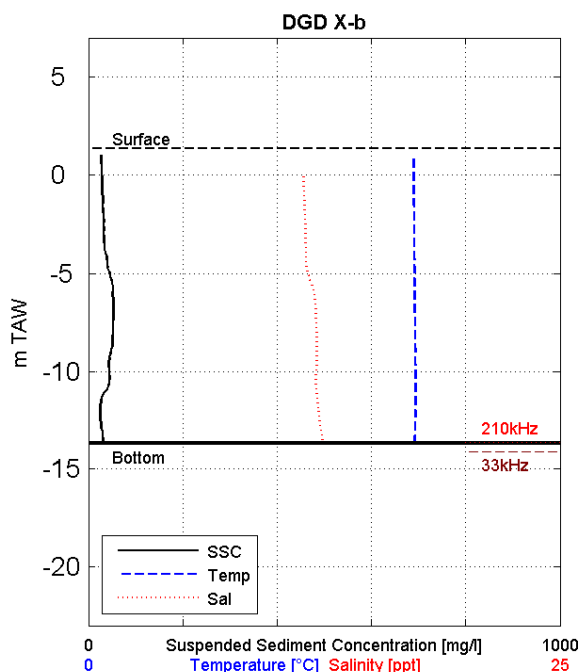
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:25
Time after/before HT [MET]: 4:15
Coordinates [UTM-ED50] Easting: 588607
Coordinates [UTM-ED50] Northing: 5684434
Water-Bottom Interface Siltpr. [m TAW]: -14.07
Waterdepth 210 kHz Echo [m TAW]: NaN
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 1.82

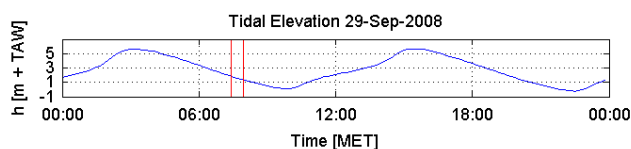
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.54	17.2	11.3	41
0.90	17.2	11.4	43
0.12	17.2	11.5	42
-0.64	17.2	11.5	44
-1.41	17.2	11.6	49
-2.20	17.3	11.5	48
-3.00	17.3	11.6	52
-3.77	17.3	11.6	54
-4.50	17.3	11.7	52
-5.29	17.3	11.7	54
-6.08	17.3	11.7	59
-6.86	17.3	11.7	62
-7.60	17.3	11.7	62
-8.27	17.3	11.8	70
-9.00	17.3	11.8	75
-9.74	17.3	11.9	78
-10.46	17.3	12.1	67
-11.17	17.3	12.1	44
-11.88	17.3	12.1	39
-12.59	17.3	12.2	46
-13.26	17.3	12.2	56
-14.04	17.3	12.1	67
-14.07	17.3	12.1	67
Depth Avg	17.3	11.8	55



Siltprofiler

Date & Time [MET]: 29/9/2008 07:56
Time after/before HT [MET]: 4:46
Coordinates [UTM-ED50] Easting: 588610
Coordinates [UTM-ED50] Northing: 5684416
Water-Bottom Interface Siltpr. [m TAW]: -13.72
Waterdepth 210 kHz Echo [m TAW]: -13.66
Waterdepth 33 kHz Echo [m TAW]: -14.14
Surface Elevation [m TAW]: 1.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.07	17.3	NaN	26
0.39	17.3	NaN	27
-0.26	17.2	11.4	29
-0.92	17.2	11.4	28
-1.60	17.3	11.4	30
-2.32	17.3	11.5	32
-3.06	17.3	11.5	32
-3.72	17.3	11.5	34
-4.45	17.3	11.5	39
-5.15	17.3	11.7	46
-5.90	17.3	11.9	51
-6.62	17.3	12.0	54
-7.24	17.3	12.1	53
-7.94	17.3	12.1	49
-8.58	17.3	12.1	51
-9.25	17.3	12.1	45
-9.89	17.3	12.1	44
-10.53	17.3	12.0	44
-11.21	17.3	12.1	28
-11.85	17.3	12.2	24
-12.51	17.3	12.2	22
-13.23	17.3	12.3	29
-13.72	17.3	12.4	32
Depth Avg	17.3	11.8	37



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

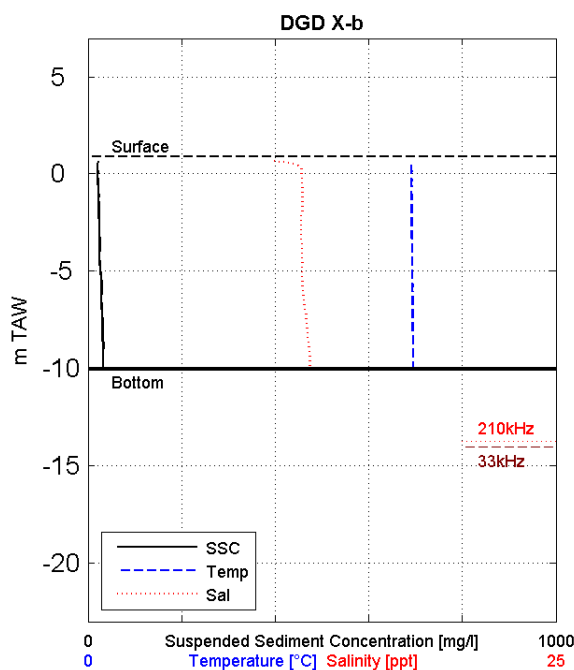
Sourcefile(s):

8098 Xb_ctd.sil

8118 Xb_ctd.sil

Location:

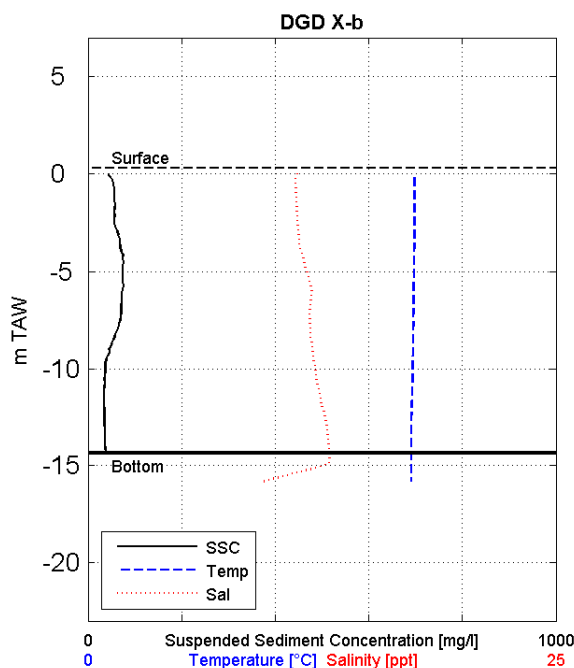
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 08:26
 Time after/before HT [MET]: 5:16
 Coordinates [UTM-ED50] Easting: 588616
 Coordinates [UTM-ED50] Northing: 5684434
 Water-Bottom Interface Siltpr. [m TAW]: -10.03
 Waterdepth 210 kHz Echo [m TAW]: -13.75
 Waterdepth 33 kHz Echo [m TAW]: -14.04
 Surface Elevation [m TAW]: 0.93

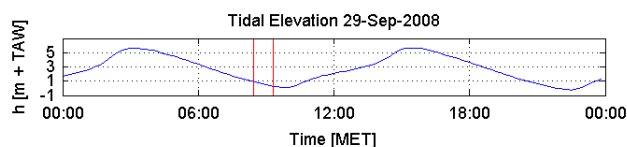
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.63	17.3	10.0	21
0.17	17.3	11.4	22
-0.33	17.2	11.4	21
-0.79	17.3	11.4	21
-1.24	17.3	11.4	20
-1.76	17.3	11.4	22
-2.24	17.3	11.4	22
-2.73	17.3	11.4	21
-3.21	17.3	11.4	24
-3.74	17.3	11.4	24
-4.28	17.3	11.4	23
-4.78	17.3	11.4	26
-5.25	17.3	11.4	26
-5.74	17.3	11.4	30
-6.20	17.3	11.5	28
-6.69	17.3	11.5	28
-7.16	17.3	11.6	28
-7.68	17.3	11.7	31
-8.15	17.4	11.7	30
-8.66	17.3	11.8	32
-9.20	17.3	11.8	33
-9.74	17.3	11.9	31
-10.03	17.3	11.8	31
Depth Avg	17.3	11.5	26



Siltprofiler

Date & Time [MET]: 29/9/2008 09:18
 Time after/before HT [MET]: 6:08
 Coordinates [UTM-ED50] Easting: 588589
 Coordinates [UTM-ED50] Northing: 5684419
 Water-Bottom Interface Siltpr. [m TAW]: -14.36
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.33

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.04	17.4	11.2	43
-0.68	17.4	11.1	55
-1.34	17.4	11.1	58
-2.08	17.4	11.2	57
-2.81	17.4	11.2	62
-3.53	17.4	11.3	67
-4.14	17.4	11.4	75
-4.86	17.4	11.6	74
-5.50	17.4	11.8	73
-6.20	17.4	11.9	70
-6.89	17.4	11.8	72
-7.58	17.4	11.8	69
-8.25	17.4	11.9	57
-8.96	17.4	12.0	44
-9.58	17.3	12.1	37
-10.21	17.3	12.2	36
-10.88	17.3	12.3	34
-11.49	17.3	12.4	34
-12.11	17.3	12.5	36
-12.69	17.3	12.7	36
-13.33	17.2	12.8	37
-13.95	17.2	12.8	35
-14.36	17.2	12.9	36
Depth Avg	17.4	11.8	53



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

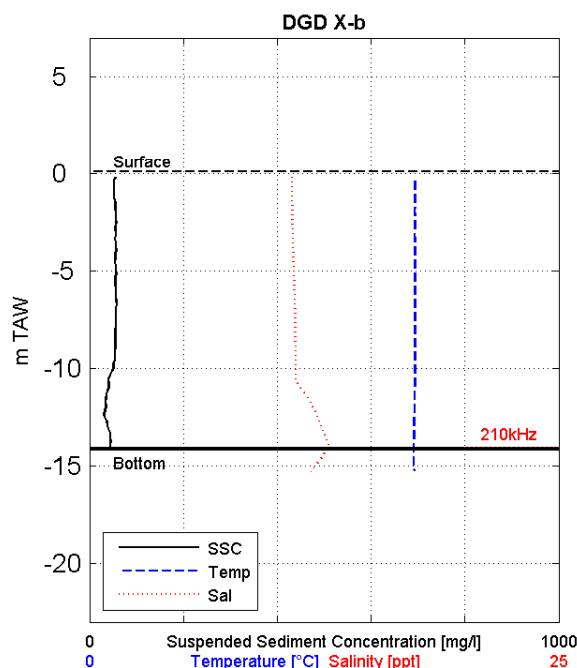
SiltProfiler & CTD-Diver

Sourcefile(s):

8133 Xb_ctd.sil
8148 Xb_ctd.sil

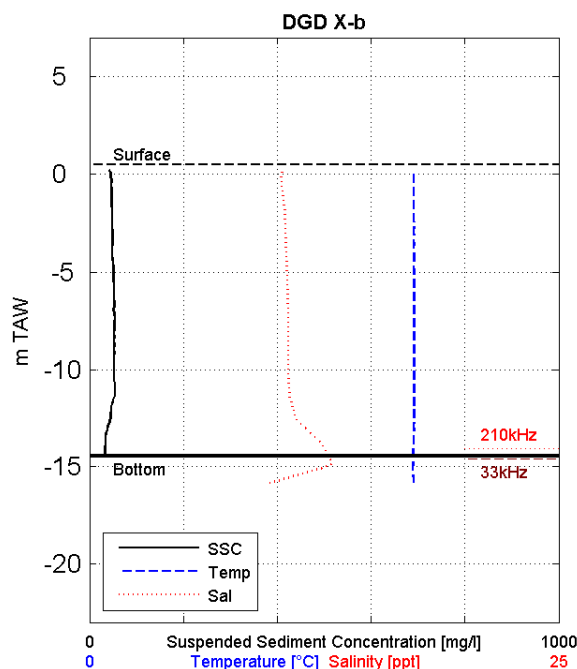
Location:

Deurganckdok



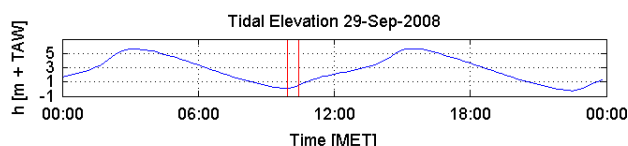
Siltprofiler
Date & Time [MET]: 29/9/2008 09:55
Time after/before HT [MET]: 0:05
Coordinates [UTM-ED50] Easting: 588598
Coordinates [UTM-ED50] Northing: 5684421
Water-Bottom Interface Siltpr. [m TAW]: -14.14
Waterdepth 210 kHz Echo [m TAW]: -14.05
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 0.12

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.16	17.3	10.8	54
-0.81	17.3	10.8	54
-1.48	17.3	10.8	54
-2.10	17.3	10.8	56
-2.76	17.3	10.8	54
-3.42	17.3	10.8	55
-4.08	17.4	10.8	55
-4.77	17.3	10.9	56
-5.46	17.3	10.9	55
-6.23	17.3	10.9	56
-6.88	17.3	10.9	55
-7.50	17.3	10.9	54
-8.19	17.3	11.0	56
-8.83	17.3	10.9	55
-9.47	17.3	10.9	52
-10.08	17.3	10.9	48
-10.72	17.3	11.0	41
-11.36	17.3	11.5	35
-12.03	17.3	11.9	35
-12.68	17.3	12.2	39
-13.30	17.3	12.5	44
-13.89	17.2	12.7	43
-14.14	17.3	12.7	73
Depth Avg	17.3	11.1	50



Siltprofiler
Date & Time [MET]: 29/9/2008 10:25
Time after/before HT [MET]: 0:35
Coordinates [UTM-ED50] Easting: 588594
Coordinates [UTM-ED50] Northing: 5684422
Water-Bottom Interface Siltpr. [m TAW]: -14.46
Waterdepth 210 kHz Echo [m TAW]: -14.07
Waterdepth 33 kHz Echo [m TAW]: -14.61
Surface Elevation [m TAW]: 0.51

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.22	17.3	NaN	43
-0.47	17.3	10.2	44
-1.16	17.3	10.3	47
-1.85	17.3	10.4	47
-2.58	17.3	10.4	47
-3.34	17.3	10.4	49
-4.04	17.3	10.5	47
-4.74	17.3	10.5	51
-5.46	17.3	10.5	52
-6.14	17.3	10.5	51
-6.83	17.3	10.5	51
-7.48	17.3	10.6	52
-8.11	17.3	10.6	52
-8.80	17.3	10.6	52
-9.46	17.3	10.6	52
-10.15	17.3	10.6	53
-10.86	17.3	10.6	53
-11.55	17.3	10.7	49
-12.24	17.3	10.9	44
-12.91	17.3	11.3	37
-13.59	17.3	12.1	35
-14.26	17.2	12.6	32
-14.46	17.2	12.7	34
Depth Avg	17.3	10.7	47



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

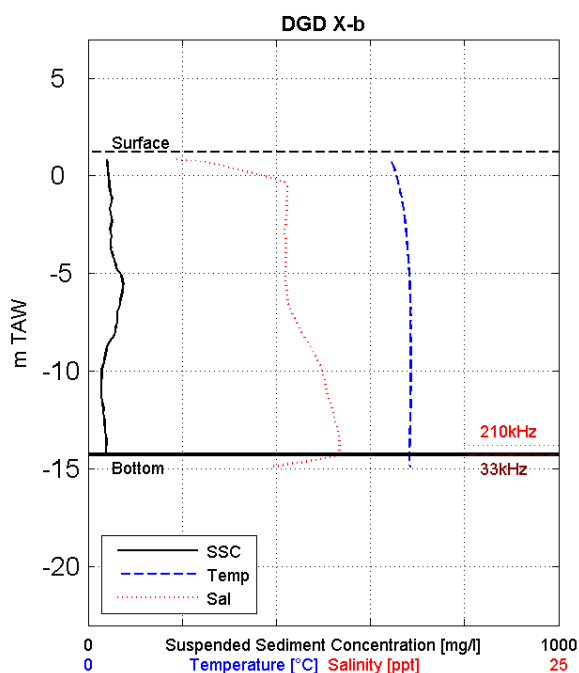
SiltProfiler & CTD-Diver

Sourcefile(s):

8163 Xb_ctd.sil
8178 Xb_ctd.sil

Location:

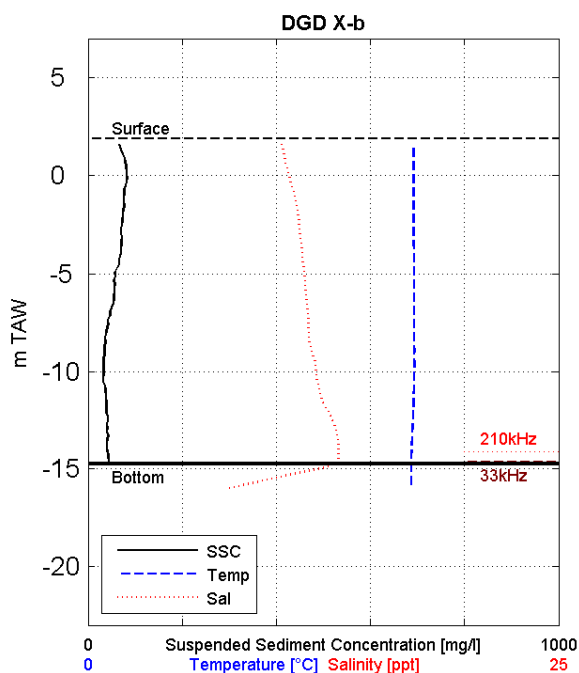
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:59
Time after/before HT [MET]: 1:09
Coordinates [UTM-ED50] Easting: 588599
Coordinates [UTM-ED50] Northing: 5684428
Water-Bottom Interface Siltpr. [m TAW]: -14.27
Waterdepth 210 kHz Echo [m TAW]: -13.78
Waterdepth 33 kHz Echo [m TAW]: -14.28
Surface Elevation [m TAW]: 1.24

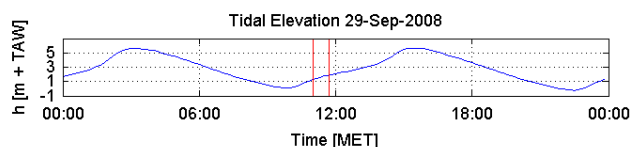
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.93	16.0	4.3	39
0.18	16.3	8.5	42
-0.58	16.6	10.6	45
-1.42	16.7	10.6	49
-2.14	16.8	10.5	50
-2.99	16.9	10.5	49
-3.75	17.0	10.5	48
-4.54	17.0	10.5	57
-5.25	17.1	10.4	70
-5.94	17.1	10.5	73
-6.59	17.1	10.7	66
-7.29	17.1	11.0	62
-7.96	17.1	11.3	59
-8.70	17.1	11.8	41
-9.39	17.1	12.2	34
-10.07	17.1	12.5	30
-10.76	17.1	12.6	27
-11.43	17.1	12.8	29
-12.18	17.1	13.0	33
-12.88	17.1	13.2	35
-13.51	17.1	13.3	39
-14.15	17.1	13.4	38
-14.27	17.1	13.4	36
Depth Avg			
16.9 11.1 46			



Siltprofiler

Date & Time [MET]: 29/9/2008 11:43
Time after/before HT [MET]: 1:53
Coordinates [UTM-ED50] Easting: 588590
Coordinates [UTM-ED50] Northing: 5684430
Water-Bottom Interface Siltpr. [m TAW]: -14.76
Waterdepth 210 kHz Echo [m TAW]: -14.17
Waterdepth 33 kHz Echo [m TAW]: -14.65
Surface Elevation [m TAW]: 1.89

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.61	17.3	10.3	66
0.83	17.3	10.4	78
-0.01	17.3	10.7	82
-0.73	17.3	10.9	75
-1.54	17.3	11.1	76
-2.30	17.3	11.2	70
-3.06	17.3	11.3	72
-3.89	17.3	11.4	70
-4.63	17.3	11.4	63
-5.39	17.3	11.5	54
-6.20	17.3	11.6	55
-6.90	17.3	11.7	47
-7.70	17.3	11.7	41
-8.46	17.3	11.7	35
-9.18	17.3	11.9	36
-9.89	17.3	12.1	34
-10.65	17.3	12.2	36
-11.36	17.3	12.4	41
-12.06	17.3	12.7	38
-12.82	17.2	13.1	42
-13.53	17.2	13.3	40
-14.34	17.2	13.3	45
-14.76	17.2	13.3	45
Depth Avg			
17.3 11.7 54			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

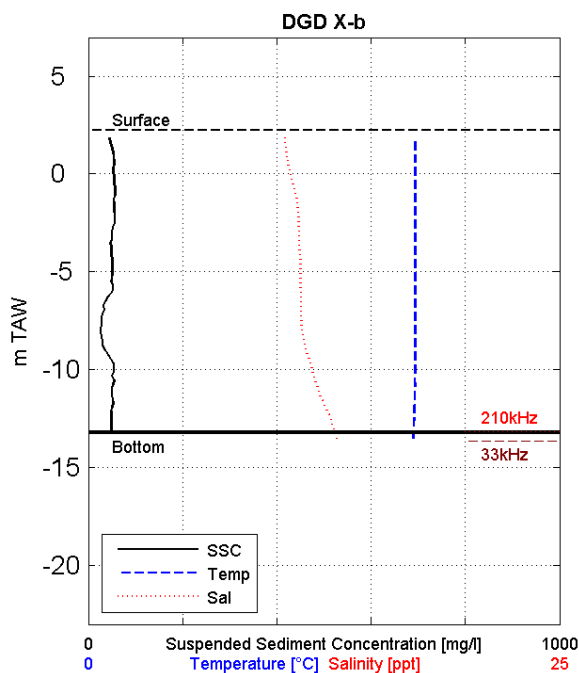
Sourcefile(s):

8193 Xb_ctd.sil

8213 Xb_ctd.sil

Location:

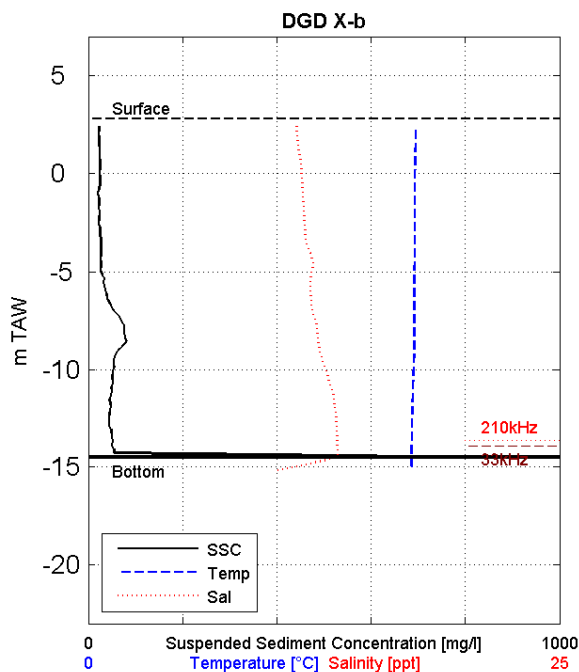
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:18
 Time after/before HT [MET]: 2:28
 Coordinates [UTM-ED50] Easting: 588612
 Coordinates [UTM-ED50] Northing: 5684438
 Water-Bottom Interface Siltpr. [m TAW]: -13.23
 Waterdepth 210 kHz Echo [m TAW]: -13.15
 Waterdepth 33 kHz Echo [m TAW]: -13.64
 Surface Elevation [m TAW]: 2.28

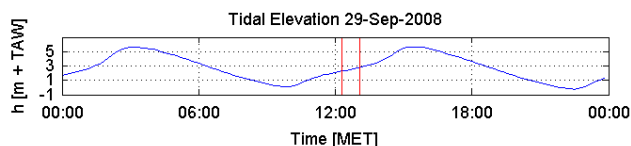
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.98	17.3	10.4	43
1.34	17.3	10.5	49
0.71	17.3	10.6	54
0.02	17.3	10.7	54
-0.75	17.4	10.9	56
-1.53	17.4	11.1	55
-2.24	17.3	11.1	55
-3.03	17.3	11.1	49
-3.87	17.3	11.2	49
-4.67	17.3	11.2	51
-5.46	17.3	11.2	49
-6.15	17.3	11.2	45
-6.81	17.3	11.3	34
-7.41	17.3	11.3	28
-8.04	17.3	11.3	25
-8.73	17.3	11.5	30
-9.39	17.3	11.7	45
-10.09	17.3	11.9	55
-10.82	17.3	12.1	51
-11.56	17.3	12.4	51
-12.27	17.3	12.8	49
-13.10	17.2	13.0	48
-13.23	17.3	13.1	52
Depth Avg	17.3	11.4	47



Siltprofiler

Date & Time [MET]: 29/9/2008 13:04
 Time after/before HT [MET]: 3:14
 Coordinates [UTM-ED50] Easting: 588605
 Coordinates [UTM-ED50] Northing: 5684423
 Water-Bottom Interface Siltpr. [m TAW]: -14.54
 Waterdepth 210 kHz Echo [m TAW]: -13.67
 Waterdepth 33 kHz Echo [m TAW]: -13.93
 Surface Elevation [m TAW]: 2.81

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.49	17.4	11.0	23
1.68	17.3	11.1	22
0.87	17.3	11.2	24
-0.07	17.3	11.3	24
-0.98	17.3	11.4	22
-1.83	17.3	11.4	23
-2.60	17.3	11.5	23
-3.35	17.3	11.5	27
-4.12	17.3	11.8	26
-4.86	17.3	11.9	25
-5.72	17.3	11.8	35
-6.52	17.3	11.8	44
-7.32	17.3	12.0	67
-8.18	17.3	12.2	76
-9.01	17.3	12.3	62
-9.79	17.3	12.5	52
-10.53	17.2	12.8	50
-11.27	17.2	13.0	49
-11.99	17.2	13.1	47
-12.74	17.2	13.2	42
-13.46	17.1	13.2	49
-14.20	17.1	13.2	55
-14.54	17.1	13.2	112
Depth Avg	17.3	12.0	42



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

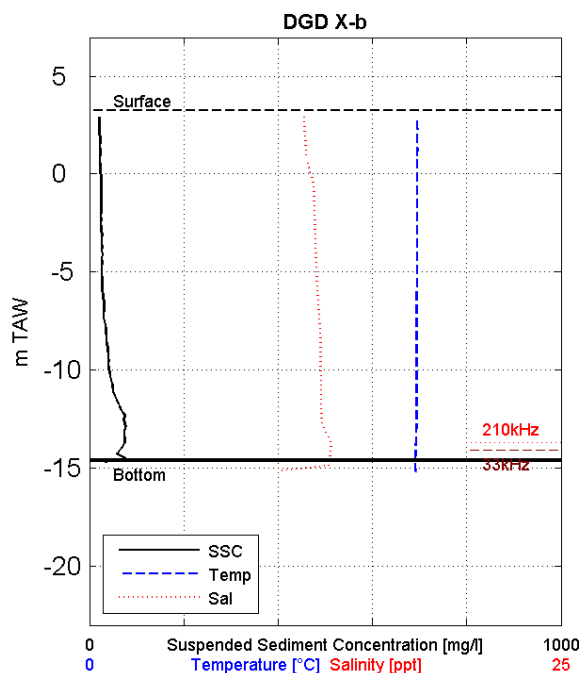
Sourcefile(s):

8228 Xb_ctd.sil

8243 Xb_ctd.sil

Location:

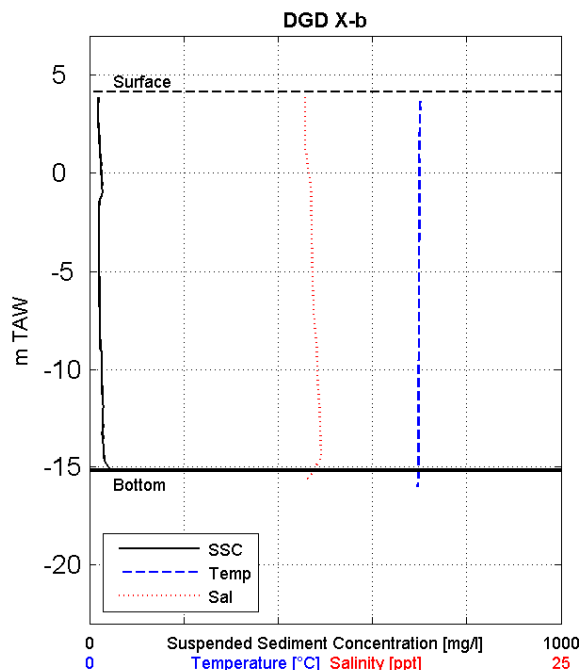
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:39
 Time after/before HT [MET]: 3:49
 Coordinates [UTM-ED50] Easting: 588606
 Coordinates [UTM-ED50] Northing: 5684420
 Water-Bottom Interface Siltpr. [m TAW]: -14.61
 Waterdepth 210 kHz Echo [m TAW]: -13.70
 Waterdepth 33 kHz Echo [m TAW]: -14.10
 Surface Elevation [m TAW]: 3.28

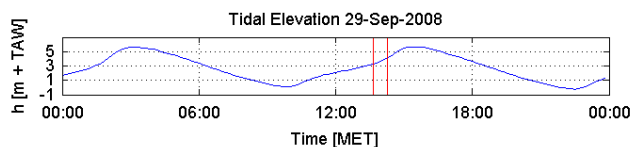
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.99	17.4	11.4	21
2.30	17.4	11.4	21
1.48	17.4	11.4	21
0.65	17.4	11.5	21
-0.18	17.3	11.8	25
-1.02	17.3	11.9	23
-1.78	17.3	11.9	24
-2.64	17.4	11.9	24
-3.48	17.3	12.0	26
-4.29	17.3	12.0	26
-5.18	17.3	12.0	26
-6.09	17.3	12.1	27
-6.95	17.3	12.1	31
-7.73	17.3	12.2	33
-8.61	17.3	12.3	37
-9.48	17.4	12.3	38
-10.29	17.3	12.3	44
-11.12	17.4	12.3	48
-11.81	17.3	12.3	63
-12.54	17.3	12.3	75
-13.29	17.3	12.6	74
-14.12	17.3	12.8	62
-14.61	17.3	12.7	19
Depth Avg			
17.3			
12.0			
36			



Siltprofiler

Date & Time [MET]: 29/9/2008 14:17
 Time after/before HT [MET]: 4:27
 Coordinates [UTM-ED50] Easting: 588589
 Coordinates [UTM-ED50] Northing: 5684429
 Water-Bottom Interface Siltpr. [m TAW]: -15.20
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.15

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.87	17.5	11.5	19
2.92	17.5	11.4	18
1.96	17.5	11.4	20
0.98	17.4	11.5	23
0.07	17.5	11.6	24
-0.84	17.5	11.7	26
-1.70	17.5	11.8	19
-2.56	17.5	11.8	19
-3.37	17.4	11.8	18
-4.31	17.4	11.8	19
-5.34	17.4	11.8	19
-6.28	17.4	11.8	21
-7.19	17.4	11.9	21
-8.10	17.4	12.0	21
-8.98	17.4	12.0	22
-9.81	17.4	12.1	23
-10.65	17.4	12.1	27
-11.48	17.5	12.2	26
-12.35	17.4	12.2	26
-13.26	17.5	12.2	26
-14.14	17.5	12.3	28
-15.05	17.4	11.9	39
-15.20	17.4	11.8	68
Depth Avg			
17.5			
11.8			
23			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

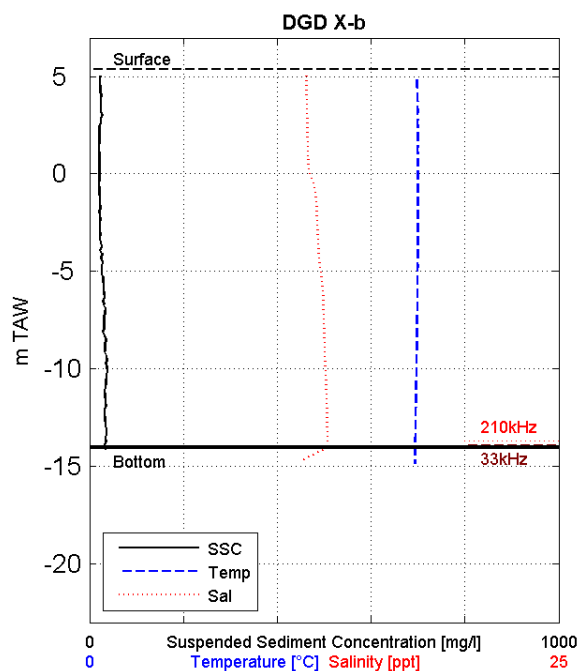
SiltProfiler & CTD-Diver

Sourcefile(s):

8258 Xb_ctd.sil
8288 Xb_ctd.sil

Location:

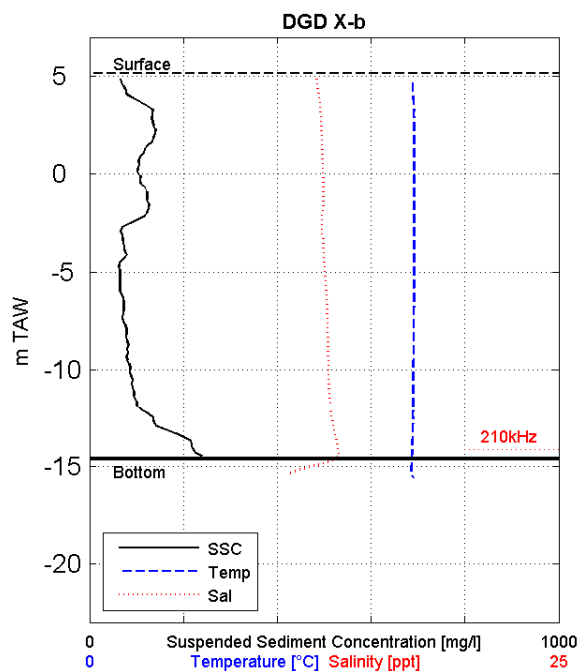
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 14:58
Time after/before HT [MET]: 5:08
Coordinates [UTM-ED50] Easting: 588606
Coordinates [UTM-ED50] Northing: 5684430
Water-Bottom Interface Siltpr. [m TAW]: -14.04
Waterdepth 210 kHz Echo [m TAW]: -13.68
Waterdepth 33 kHz Echo [m TAW]: -13.91
Surface Elevation [m TAW]: 5.40

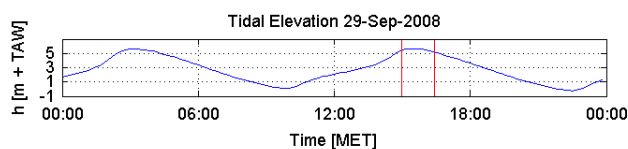
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.08	17.4	11.5	23
4.10	17.5	11.6	24
3.12	17.4	11.6	27
2.15	17.5	11.6	20
1.19	17.5	11.6	21
0.38	17.5	11.6	21
-0.50	17.5	11.9	21
-1.24	17.5	12.0	21
-2.17	17.4	12.1	23
-3.08	17.5	12.1	22
-4.02	17.5	12.2	26
-4.92	17.5	12.3	24
-5.86	17.4	12.4	29
-6.77	17.4	12.4	32
-7.62	17.4	12.5	32
-8.48	17.4	12.5	32
-9.30	17.4	12.5	33
-10.26	17.4	12.6	34
-11.14	17.4	12.6	32
-12.08	17.4	12.6	31
-12.93	17.4	12.6	35
-13.89	17.3	12.7	33
-14.04	17.3	12.6	33
Depth Avg	17.4	12.2	27



Siltprofiler

Date & Time [MET]: 29/9/2008 16:25
Time after/before HT [MET]: 6:35
Coordinates [UTM-ED50] Easting: 588588
Coordinates [UTM-ED50] Northing: 5684398
Water-Bottom Interface Siltpr. [m TAW]: -14.60
Waterdepth 210 kHz Echo [m TAW]: -14.15
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 5.14

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.86	17.2	12.1	65
3.86	17.2	12.2	102
2.99	17.3	12.3	128
2.11	17.3	12.4	140
1.16	17.3	12.4	115
0.14	17.3	12.4	98
-0.79	17.3	12.4	120
-1.65	17.3	12.4	127
-2.61	17.3	12.4	73
-3.71	17.3	12.4	73
-4.59	17.3	12.5	62
-5.48	17.3	12.6	65
-6.37	17.3	12.6	72
-7.32	17.3	12.7	67
-8.26	17.3	12.7	78
-9.19	17.3	12.7	83
-10.12	17.3	12.7	85
-10.94	17.2	12.8	93
-11.85	17.2	12.8	98
-12.75	17.2	12.9	134
-13.62	17.2	13.1	212
-14.42	17.1	13.3	242
-14.60	17.2	13.3	244
Depth Avg	17.3	12.6	104



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

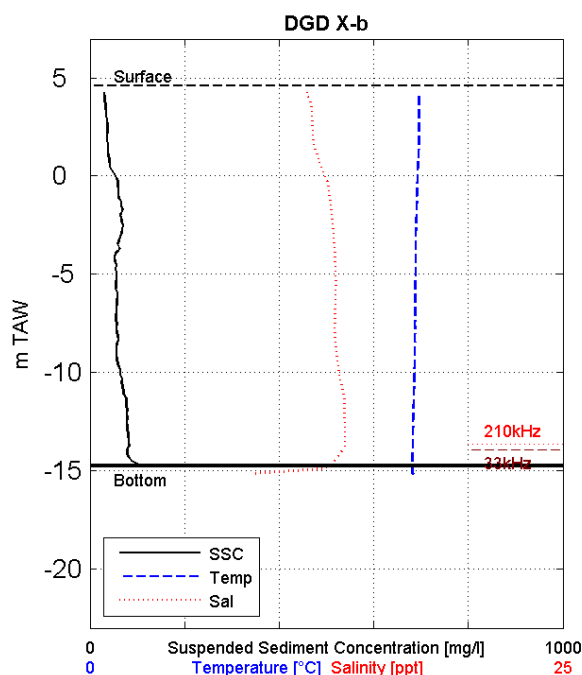
Sourcefile(s):

8303 Xb_ctd.sil

8318 Xb_ctd.sil

Location:

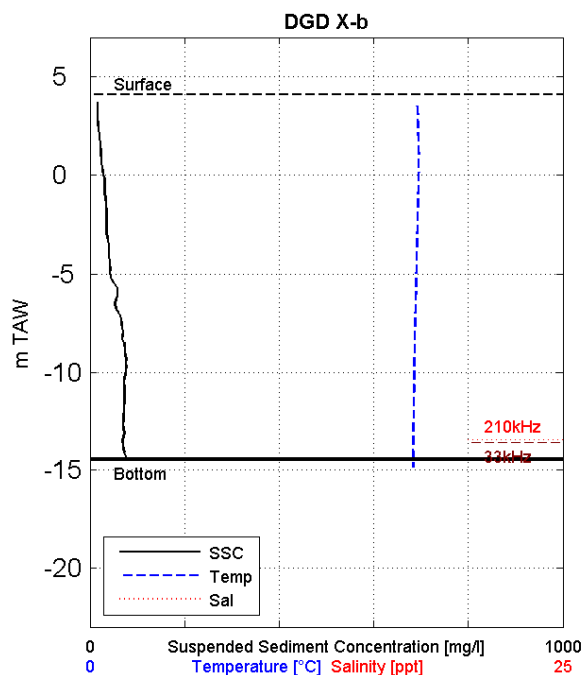
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:58
 Time after/before HT [MET]: 7:08
 Coordinates [UTM-ED50] Easting: 588604
 Coordinates [UTM-ED50] Northing: 5684428
 Water-Bottom Interface Siltpr. [m TAW]: -14.77
 Waterdepth 210 kHz Echo [m TAW]: -13.67
 Waterdepth 33 kHz Echo [m TAW]: -13.93
 Surface Elevation [m TAW]: 4.62

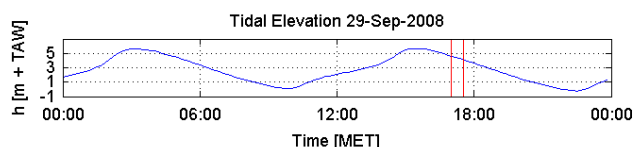
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.33	17.4	11.4	29
3.52	17.4	11.7	32
2.66	17.4	11.8	36
1.85	17.4	11.8	37
0.98	17.3	12.0	38
0.13	17.3	12.4	50
-0.76	17.3	12.6	57
-1.72	17.2	12.7	69
-2.63	17.2	12.8	67
-3.61	17.2	12.9	62
-4.50	17.2	12.9	57
-5.50	17.2	13.0	55
-6.34	17.2	13.0	55
-7.23	17.2	12.9	53
-8.11	17.1	12.9	59
-8.99	17.1	13.0	55
-9.85	17.1	13.1	64
-10.76	17.1	13.3	69
-11.65	17.1	13.4	77
-12.54	17.1	13.4	78
-13.44	17.1	13.5	81
-14.37	17.0	13.0	82
-14.77	17.1	12.7	112
Depth Avg			
17.2			
12.7			
58			



Siltprofiler

Date & Time [MET]: 29/9/2008 17:31
 Time after/before HT [MET]: 7:41
 Coordinates [UTM-ED50] Easting: 588610
 Coordinates [UTM-ED50] Northing: 5684430
 Water-Bottom Interface Siltpr. [m TAW]: -14.48
 Waterdepth 210 kHz Echo [m TAW]: -13.49
 Waterdepth 33 kHz Echo [m TAW]: -13.64
 Surface Elevation [m TAW]: 4.10

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.78	17.3	NaN	15
2.96	17.3	NaN	16
2.17	17.3	NaN	19
1.36	17.3	NaN	23
0.51	17.4	NaN	25
-0.33	17.4	NaN	34
-1.09	17.3	NaN	32
-2.00	17.3	NaN	35
-2.89	17.3	NaN	35
-3.75	17.3	NaN	39
-4.63	17.3	NaN	42
-5.52	17.2	NaN	52
-6.43	17.2	NaN	54
-7.29	17.2	NaN	66
-8.10	17.1	NaN	68
-8.95	17.1	NaN	75
-9.84	17.1	NaN	75
-10.70	17.1	NaN	72
-11.54	17.1	NaN	72
-12.39	17.1	NaN	70
-13.23	17.1	NaN	71
-14.07	17.1	NaN	74
-14.48	17.1	NaN	80
Depth Avg			
17.2			
NaN			
48			



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

F.3 Location Xc

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

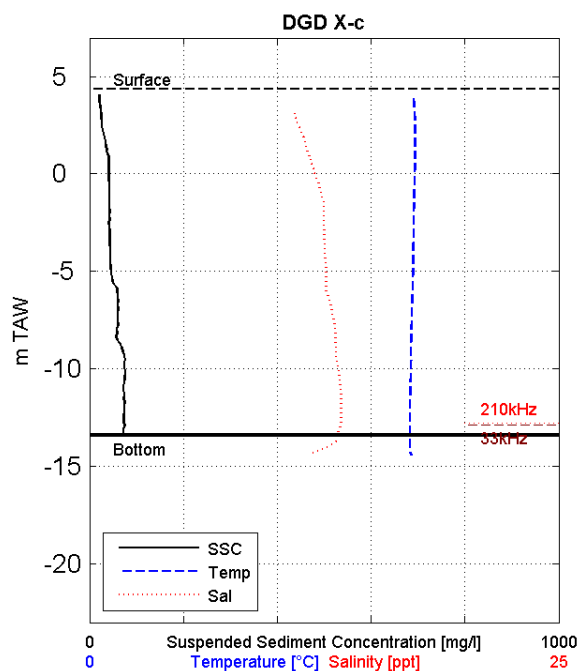
Sourcefile(s):

8006 Xc_ctd.sil

8021 Xc_ctd.sil

Location:

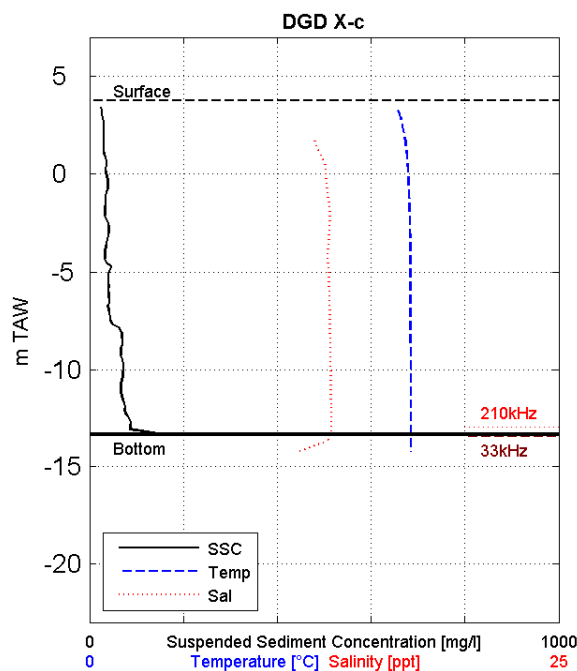
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:01
 Time after/before HT [MET]: 1:51
 Coordinates [UTM-ED50] Easting: 588654
 Coordinates [UTM-ED50] Northing: 5684495
 Water-Bottom Interface Siltpr. [m TAW]: -13.42
 Waterdepth 210 kHz Echo [m TAW]: -12.78
 Waterdepth 33 kHz Echo [m TAW]: -12.86
 Surface Elevation [m TAW]: 4.36

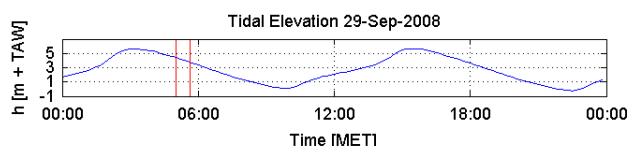
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.08	17.3	NaN	20
3.09	17.3	NaN	24
2.11	17.3	11.3	30
1.25	17.3	11.6	36
0.35	17.3	11.9	42
-0.59	17.3	12.2	41
-1.55	17.3	12.5	41
-1.65	17.3	12.5	42
-1.75	17.3	12.5	42
-2.14	17.3	12.5	40
-2.77	17.3	12.5	41
-3.68	17.2	12.5	44
-4.64	17.2	12.6	45
-5.53	17.2	12.6	47
-6.46	17.2	12.8	60
-7.45	17.1	13.0	59
-8.43	17.1	13.1	55
-9.41	17.1	13.1	76
-10.47	17.1	13.3	75
-11.45	17.1	13.4	72
-12.46	17.1	13.4	74
-13.37	17.1	13.2	72
-13.42	17.1	13.2	73
Depth Avg			
17.2			
12.5			
50			



Siltprofiler

Date & Time [MET]: 29/9/2008 05:38
 Time after/before HT [MET]: 2:28
 Coordinates [UTM-ED50] Easting: 588658
 Coordinates [UTM-ED50] Northing: 5684497
 Water-Bottom Interface Siltpr. [m TAW]: -13.39
 Waterdepth 210 kHz Echo [m TAW]: -12.99
 Waterdepth 33 kHz Echo [m TAW]: -13.49
 Surface Elevation [m TAW]: 3.74

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.46	16.4	NaN	23
2.75	16.6	NaN	29
1.89	16.8	NaN	30
1.08	16.9	12.3	31
0.30	17.0	12.6	32
-0.50	17.0	12.6	39
-1.33	17.0	12.7	34
-2.17	17.1	12.8	34
-2.98	17.1	12.8	39
-3.74	17.1	12.7	33
-4.55	17.1	12.7	36
-5.34	17.1	12.8	38
-6.14	17.1	12.8	42
-6.90	17.1	12.8	40
-7.59	17.1	12.8	45
-8.38	17.1	12.8	70
-9.21	17.1	12.8	66
-9.98	17.1	12.8	70
-10.76	17.1	12.8	65
-11.58	17.1	12.8	72
-12.34	17.1	12.9	76
-13.13	17.1	12.9	86
-13.39	17.1	12.9	32
Depth Avg			
17.0			
12.6			
47			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

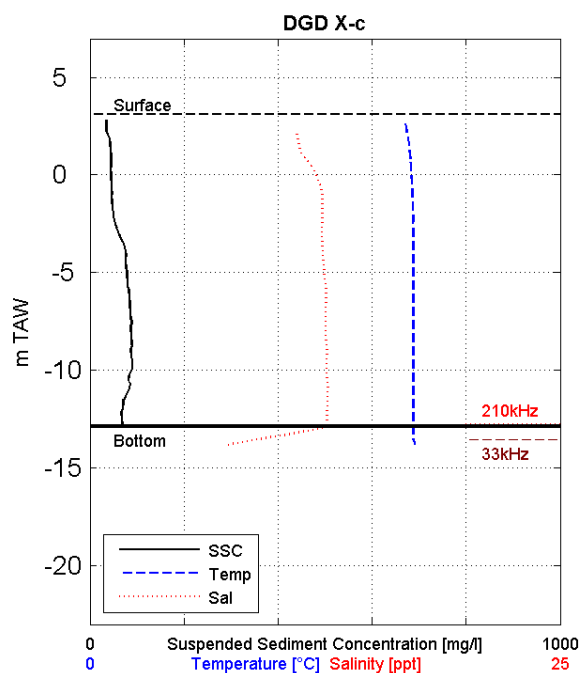
Sourcefile(s):

8036 Xc_ctd.sil

8052 Xc_ctd.sil

Location:

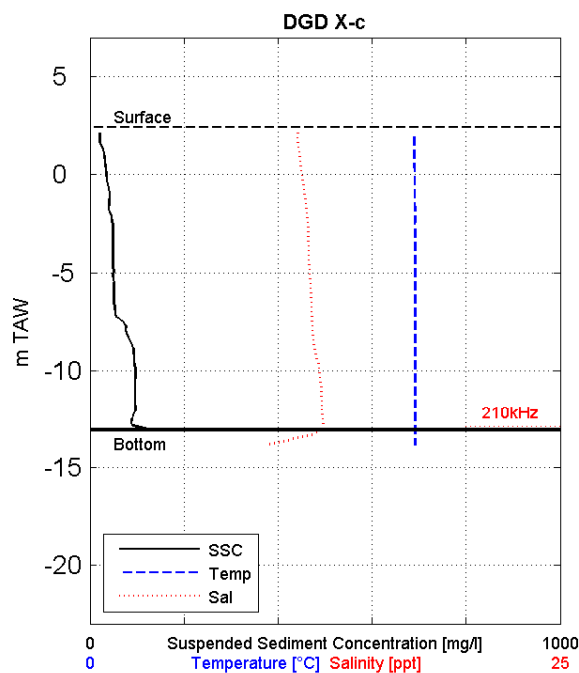
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:13
 Time after/before HT [MET]: 3:03
 Coordinates [UTM-ED50] Easting: 588654
 Coordinates [UTM-ED50] Northing: 5684508
 Water-Bottom Interface Siltpr. [m TAW]: -12.89
 Waterdepth 210 kHz Echo [m TAW]: -12.76
 Waterdepth 33 kHz Echo [m TAW]: -13.56
 Surface Elevation [m TAW]: 3.12

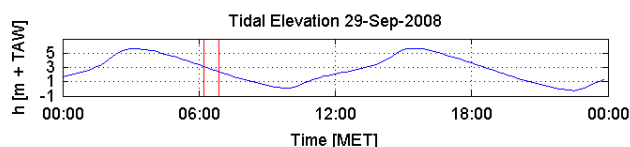
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.84	16.7	NaN	34
2.08	16.9	11.0	37
1.37	17.0	11.2	43
0.56	17.1	11.7	45
-0.26	17.1	12.1	46
-0.97	17.1	12.3	47
-1.68	17.2	12.4	48
-2.54	17.2	12.3	53
-3.28	17.2	12.3	65
-4.07	17.2	12.4	77
-4.87	17.2	12.4	77
-5.56	17.2	12.5	79
-6.30	17.2	12.5	84
-7.03	17.2	12.5	87
-7.75	17.2	12.5	88
-8.54	17.2	12.6	89
-9.27	17.1	12.6	88
-9.98	17.2	12.6	90
-10.79	17.2	12.6	86
-11.48	17.2	12.6	72
-12.20	17.2	12.6	66
-12.89	17.2	12.6	68
Depth Avg	17.1	12.2	66



Siltprofiler

Date & Time [MET]: 29/9/2008 06:53
 Time after/before HT [MET]: 3:43
 Coordinates [UTM-ED50] Easting: 588650
 Coordinates [UTM-ED50] Northing: 5684486
 Water-Bottom Interface Siltpr. [m TAW]: -13.09
 Waterdepth 210 kHz Echo [m TAW]: -12.89
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.43

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.15	17.2	11.0	21
1.43	17.2	11.1	26
0.75	17.3	11.2	32
-0.02	17.3	11.3	36
-0.83	17.3	11.4	41
-1.58	17.3	11.5	40
-2.20	17.3	11.6	44
-2.87	17.3	11.6	50
-3.53	17.3	11.6	50
-4.24	17.3	11.6	48
-5.01	17.3	11.7	49
-5.76	17.3	11.7	50
-6.45	17.3	11.8	50
-7.21	17.3	11.8	55
-7.85	17.3	11.8	75
-8.52	17.3	11.9	86
-9.23	17.3	12.0	92
-9.97	17.3	12.2	97
-10.65	17.3	12.3	95
-11.37	17.3	12.3	96
-12.05	17.3	12.3	96
-12.72	17.3	12.4	86
-13.09	17.3	12.4	188
Depth Avg	17.3	11.7	60



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

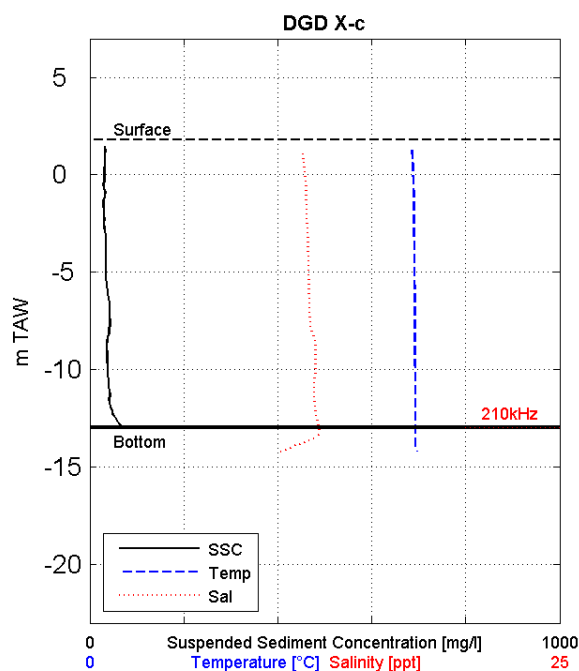
Sourcefile(s):

8067 Xc_ctd.sil

8082 Xc_ctd.sil

Location:

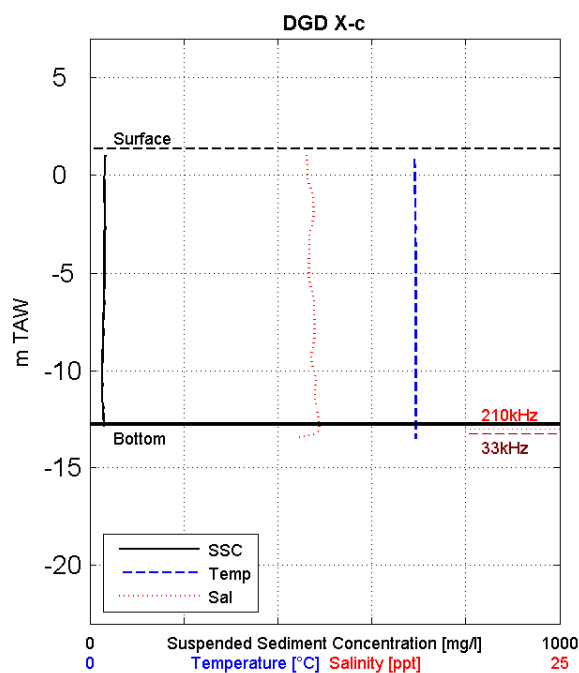
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:24
 Time after/before HT [MET]: 4:14
 Coordinates [UTM-ED50] Easting: 588636
 Coordinates [UTM-ED50] Northing: 5684499
 Water-Bottom Interface Siltpr. [m TAW]: -12.99
 Waterdepth 210 kHz Echo [m TAW]: -12.96
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.84

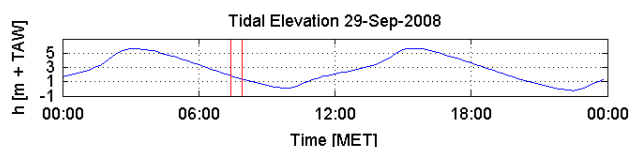
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.54	17.1	NaN	32
0.85	17.1	11.3	31
0.23	17.2	11.4	32
-0.43	17.2	11.5	29
-1.14	17.2	11.5	32
-1.90	17.3	11.5	28
-2.57	17.2	11.5	30
-3.35	17.3	11.6	31
-4.04	17.3	11.6	32
-4.71	17.3	11.6	32
-5.33	17.3	11.6	33
-5.99	17.3	11.6	39
-6.62	17.3	11.7	42
-7.29	17.3	11.7	41
-7.95	17.3	11.8	41
-8.69	17.3	12.0	36
-9.38	17.3	12.0	37
-10.12	17.3	12.0	35
-10.85	17.3	11.9	39
-11.51	17.3	11.9	40
-12.20	17.3	12.0	48
-12.89	17.3	12.1	66
-12.99	17.3	12.2	72
Depth Avg	17.3	11.7	36



Siltprofiler

Date & Time [MET]: 29/9/2008 07:54
 Time after/before HT [MET]: 4:44
 Coordinates [UTM-ED50] Easting: 588645
 Coordinates [UTM-ED50] Northing: 5684503
 Water-Bottom Interface Siltpr. [m TAW]: -12.81
 Waterdepth 210 kHz Echo [m TAW]: -13.03
 Waterdepth 33 kHz Echo [m TAW]: -13.30
 Surface Elevation [m TAW]: 1.37

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.08	17.3	11.5	32
0.37	17.3	11.6	32
-0.30	17.3	11.6	29
-0.92	17.3	11.8	30
-1.60	17.3	11.9	34
-2.27	17.3	11.9	31
-2.93	17.3	11.7	31
-3.64	17.3	11.7	30
-4.35	17.3	11.6	31
-4.99	17.3	11.6	32
-5.68	17.3	11.7	31
-6.35	17.3	11.9	29
-7.03	17.4	11.9	29
-7.63	17.4	11.9	27
-8.24	17.3	11.9	28
-8.85	17.3	11.8	26
-9.46	17.3	11.8	27
-10.10	17.3	11.9	26
-10.75	17.3	12.0	24
-11.38	17.3	11.9	25
-12.05	17.4	12.1	28
-12.71	17.3	12.2	29
-12.81	17.3	12.2	45
Depth Avg	17.3	11.8	29



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

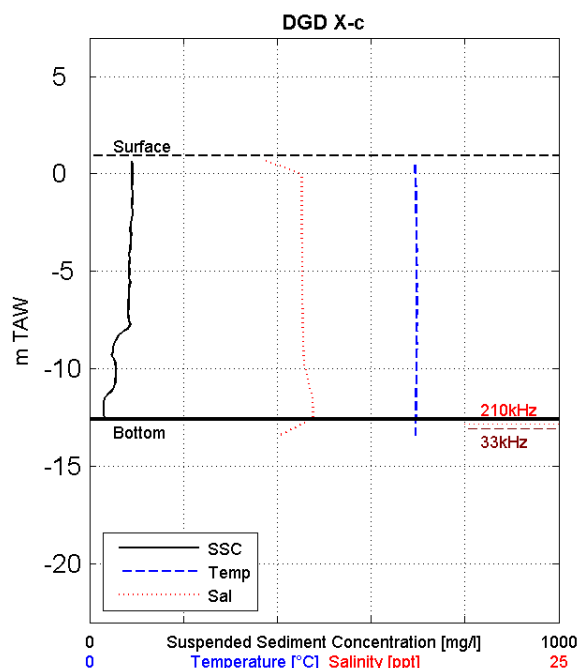
Sourcefile(s):

8097 Xc_ctd.sil

8117 Xc_ctd.sil

Location:

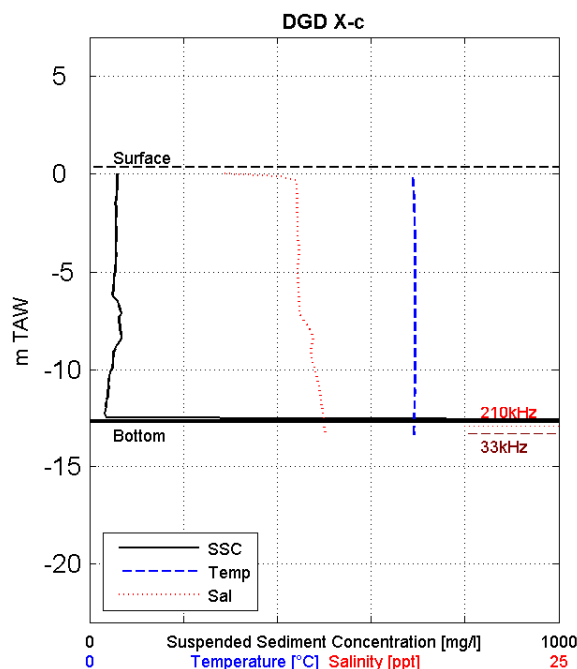
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 08:24
 Time after/before HT [MET]: 5:14
 Coordinates [UTM-ED50] Easting: 588649
 Coordinates [UTM-ED50] Northing: 5684513
 Water-Bottom Interface Siltpr. [m TAW]: -12.57
 Waterdepth 210 kHz Echo [m TAW]: -12.81
 Waterdepth 33 kHz Echo [m TAW]: -13.06
 Surface Elevation [m TAW]: 0.95

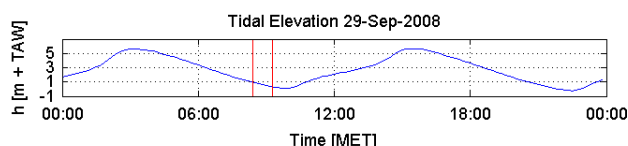
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.66	17.3	9.4	88
0.12	17.4	11.0	91
-0.43	17.4	11.3	91
-1.09	17.3	11.3	91
-1.68	17.4	11.3	91
-2.25	17.4	11.3	89
-2.88	17.4	11.3	88
-3.55	17.4	11.3	86
-4.16	17.4	11.3	82
-4.75	17.4	11.3	82
-5.42	17.4	11.3	85
-6.01	17.4	11.3	85
-6.64	17.4	11.3	82
-7.26	17.4	11.3	83
-7.87	17.4	11.4	83
-8.41	17.4	11.4	57
-9.03	17.4	11.4	48
-9.69	17.4	11.4	54
-10.31	17.4	11.6	55
-10.94	17.4	11.7	51
-11.61	17.4	11.9	30
-12.22	17.4	11.9	28
-12.57	17.4	11.9	34
Depth Avg	17.4	11.3	74



Siltprofiler

Date & Time [MET]: 29/9/2008 09:16
 Time after/before HT [MET]: 6:06
 Coordinates [UTM-ED50] Easting: 588659
 Coordinates [UTM-ED50] Northing: 5684500
 Water-Bottom Interface Siltpr. [m TAW]: -12.71
 Waterdepth 210 kHz Echo [m TAW]: -12.95
 Waterdepth 33 kHz Echo [m TAW]: -13.31
 Surface Elevation [m TAW]: 0.34

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.06	17.2	6.8	58
-0.50	17.2	11.0	59
-1.11	17.3	11.0	56
-1.66	17.3	11.0	56
-2.22	17.3	11.0	56
-2.77	17.3	11.1	56
-3.33	17.3	11.1	56
-3.92	17.3	11.2	55
-4.48	17.3	11.1	55
-5.10	17.4	11.1	52
-5.74	17.3	11.1	51
-6.40	17.4	11.1	55
-7.01	17.3	11.2	68
-7.60	17.4	11.5	62
-8.15	17.3	11.9	68
-8.76	17.4	11.8	56
-9.40	17.3	11.8	49
-10.02	17.3	12.0	47
-10.58	17.3	12.2	40
-11.17	17.3	12.3	39
-11.71	17.3	12.4	34
-12.27	17.3	12.4	31
-12.71	17.3	12.5	28377
Depth Avg	17.3	11.3	97



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

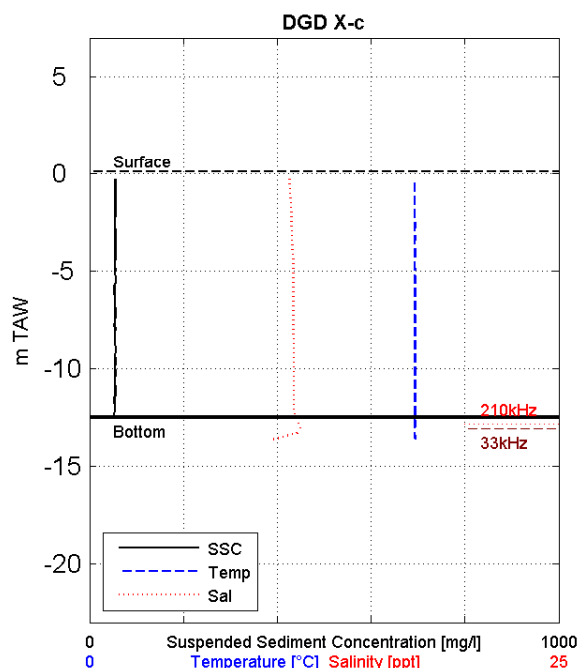
Sourcefile(s):

8132 Xc_ctd.sil

8147 Xc_ctd.sil

Location:

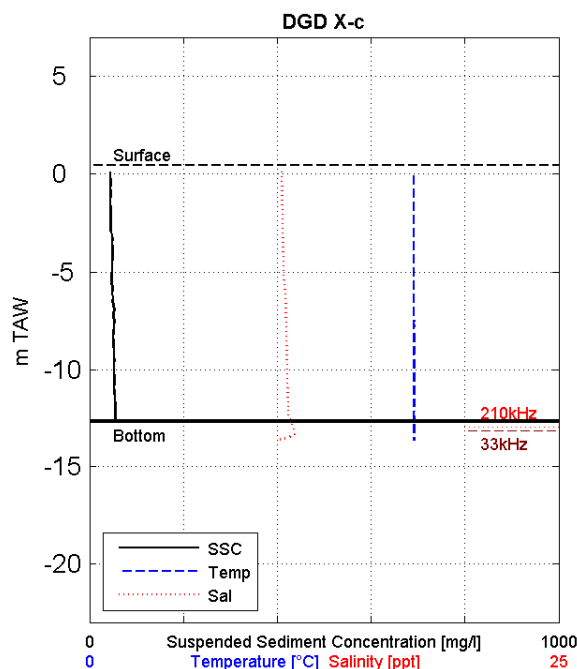
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 09:54
 Time after/before HT [MET]: 0:04
 Coordinates [UTM-ED50] Easting: 588647
 Coordinates [UTM-ED50] Northing: 5684505
 Water-Bottom Interface Siltpr. [m TAW]: -12.51
 Waterdepth 210 kHz Echo [m TAW]: -12.82
 Waterdepth 33 kHz Echo [m TAW]: -13.07
 Surface Elevation [m TAW]: 0.12

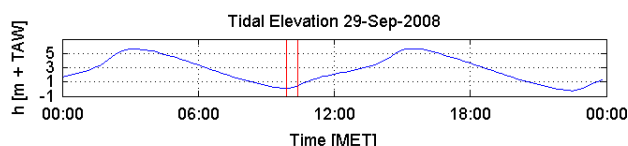
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.20	17.3	10.6	56
-0.79	17.3	10.7	54
-1.31	17.3	10.7	56
-1.87	17.3	10.7	54
-2.32	17.3	10.7	53
-2.91	17.3	10.7	54
-3.49	17.3	10.8	56
-4.06	17.3	10.8	53
-4.67	17.3	10.8	53
-5.26	17.3	10.9	54
-5.85	17.3	10.9	54
-6.42	17.3	10.9	54
-7.06	17.3	10.9	54
-7.68	17.3	10.8	53
-8.27	17.3	10.8	53
-8.88	17.3	10.8	56
-9.49	17.3	10.9	54
-10.01	17.3	10.9	54
-10.60	17.3	10.9	53
-11.23	17.3	10.9	56
-11.75	17.4	10.9	53
-12.30	17.3	10.9	52
-12.51	17.3	11.0	50
Depth Avg	17.3	10.8	54



Siltprofiler

Date & Time [MET]: 29/9/2008 10:23
 Time after/before HT [MET]: 0:33
 Coordinates [UTM-ED50] Easting: 588649
 Coordinates [UTM-ED50] Northing: 5684497
 Water-Bottom Interface Siltpr. [m TAW]: -12.72
 Waterdepth 210 kHz Echo [m TAW]: -12.98
 Waterdepth 33 kHz Echo [m TAW]: -13.16
 Surface Elevation [m TAW]: 0.47

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.17	17.2	10.2	44
-0.44	17.3	10.2	44
-1.00	17.3	10.3	45
-1.52	17.3	10.3	43
-2.11	17.3	10.3	45
-2.73	17.3	10.3	44
-3.38	17.3	10.3	49
-3.98	17.3	10.3	48
-4.66	17.3	10.3	49
-5.28	17.3	10.3	45
-5.90	17.3	10.4	49
-6.51	17.3	10.4	48
-7.17	17.3	10.4	51
-7.76	17.3	10.5	51
-8.38	17.3	10.5	51
-9.06	17.3	10.5	50
-9.61	17.3	10.5	52
-10.20	17.3	10.5	52
-10.79	17.3	10.5	52
-11.40	17.3	10.5	54
-11.99	17.3	10.6	55
-12.55	17.3	10.7	53
-12.72	17.3	10.7	51
Depth Avg	17.3	10.4	49



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

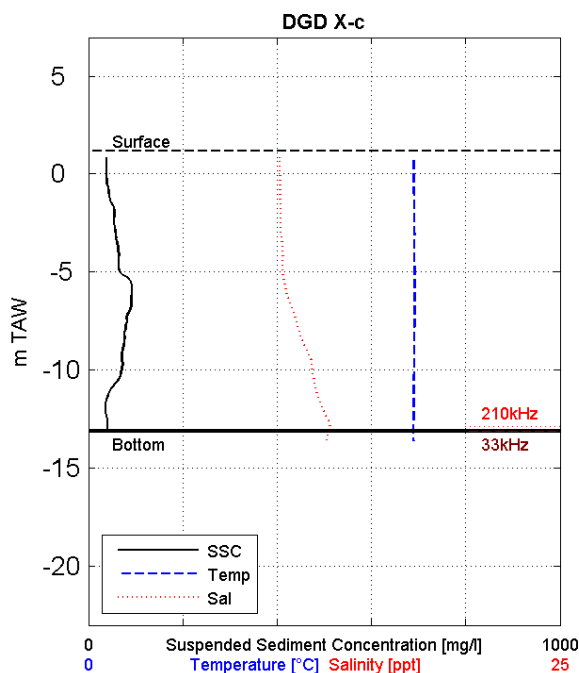
Sourcefile(s):

8162 Xc_ctd.sil

8177 Xc_ctd.sil

Location:

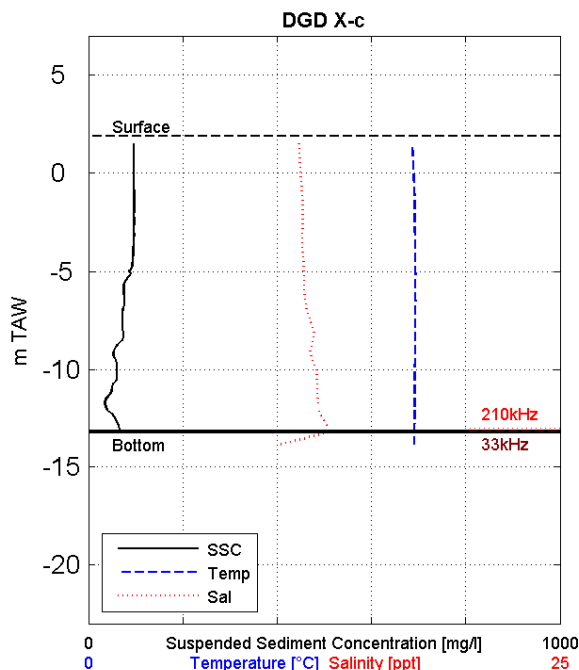
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:57
 Time after/before HT [MET]: 1:07
 Coordinates [UTM-ED50] Easting: 588658
 Coordinates [UTM-ED50] Northing: 5684474
 Water-Bottom Interface Siltpr. [m TAW]: -13.11
 Waterdepth 210 kHz Echo [m TAW]: -12.90
 Waterdepth 33 kHz Echo [m TAW]: -13.10
 Surface Elevation [m TAW]: 1.21

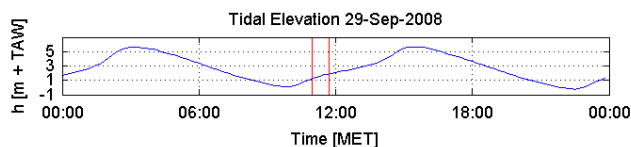
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.92	17.2	10.1	37
0.20	17.3	10.1	37
-0.44	17.3	10.1	40
-1.07	17.2	10.1	43
-1.67	17.2	10.1	54
-2.30	17.2	10.2	52
-2.92	17.2	10.2	56
-3.58	17.3	10.3	62
-4.17	17.3	10.3	65
-4.86	17.3	10.3	63
-5.47	17.3	10.4	90
-6.19	17.3	10.5	93
-6.82	17.3	10.8	91
-7.46	17.3	11.0	82
-8.17	17.3	11.2	75
-8.86	17.3	11.5	75
-9.50	17.3	11.8	71
-10.14	17.3	11.9	67
-10.80	17.2	12.0	52
-11.37	17.2	12.2	37
-12.04	17.2	12.4	35
-12.67	17.2	12.8	39
-13.11	17.2	12.7	1797
Depth Avg			
17.3 10.9 61			



Siltprofiler

Date & Time [MET]: 29/9/2008 11:41
 Time after/before HT [MET]: 1:51
 Coordinates [UTM-ED50] Easting: 588663
 Coordinates [UTM-ED50] Northing: 5684491
 Water-Bottom Interface Siltpr. [m TAW]: -13.22
 Waterdepth 210 kHz Echo [m TAW]: -13.02
 Waterdepth 33 kHz Echo [m TAW]: -13.18
 Surface Elevation [m TAW]: 1.87

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.57	17.1	11.1	96
0.93	17.2	11.2	95
0.20	17.2	11.2	97
-0.45	17.3	11.3	95
-1.19	17.3	11.3	97
-1.90	17.3	11.3	95
-2.70	17.3	11.3	95
-3.42	17.3	11.3	96
-4.20	17.3	11.4	94
-4.92	17.3	11.4	86
-5.65	17.3	11.4	74
-6.40	17.3	11.5	75
-7.11	17.3	11.6	70
-7.82	17.3	11.9	69
-8.43	17.3	11.9	74
-9.09	17.3	11.7	54
-9.74	17.3	12.0	60
-10.45	17.3	12.1	60
-11.09	17.3	12.1	48
-11.78	17.3	12.2	33
-12.46	17.3	12.4	54
-13.10	17.3	12.7	66
-13.22	17.3	12.8	69
Depth Avg			
17.3 11.6 77			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

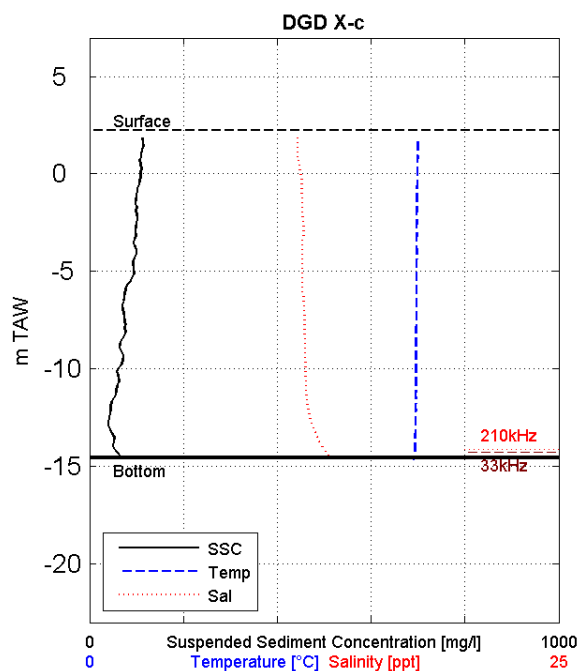
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8212 Xc_ctd.sil

Location:

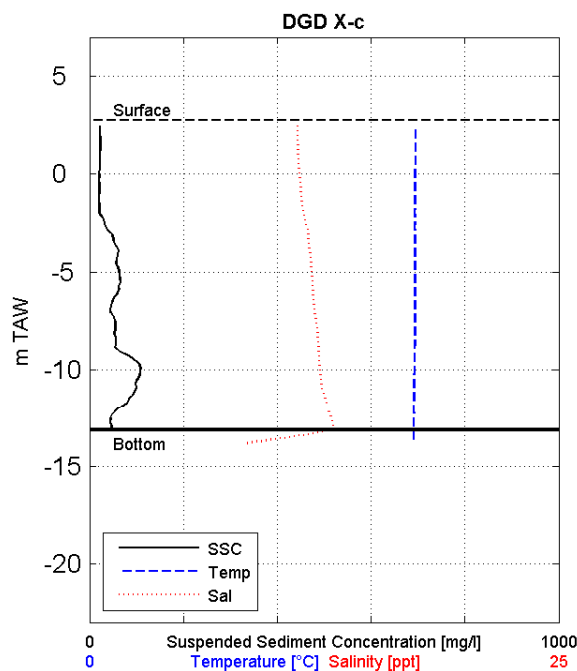
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:16
 Time after/before HT [MET]: 2:26
 Coordinates [UTM-ED50] Easting: 588672
 Coordinates [UTM-ED50] Northing: 5684484
 Water-Bottom Interface Siltpr. [m TAW]: -14.54
 Waterdepth 210 kHz Echo [m TAW]: -14.11
 Waterdepth 33 kHz Echo [m TAW]: -14.25
 Surface Elevation [m TAW]: 2.27

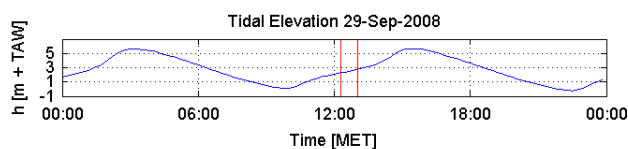
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.91	17.5	11.1	113
1.02	17.4	11.1	109
0.21	17.4	11.2	110
-0.56	17.4	11.3	104
-1.34	17.4	11.3	97
-2.01	17.4	11.3	96
-2.77	17.4	11.4	97
-3.62	17.4	11.4	94
-4.46	17.4	11.3	93
-5.27	17.4	11.4	89
-6.10	17.4	11.4	73
-6.92	17.4	11.4	69
-7.78	17.4	11.4	77
-8.57	17.4	11.4	68
-9.38	17.4	11.5	73
-10.07	17.4	11.5	58
-10.82	17.4	11.5	60
-11.56	17.3	11.6	51
-12.25	17.4	11.7	44
-13.06	17.4	11.9	43
-13.80	17.3	12.3	51
-14.54	17.3	12.8	69
-14.54	17.3	12.8	69
Depth Avg	17.4	11.5	80



Siltprofiler

Date & Time [MET]: 29/9/2008 13:01
 Time after/before HT [MET]: 3:11
 Coordinates [UTM-ED50] Easting: 588659
 Coordinates [UTM-ED50] Northing: 5684502
 Water-Bottom Interface Siltpr. [m TAW]: -13.14
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.77

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.47	17.4	11.1	20
1.66	17.3	11.1	22
0.89	17.4	11.1	21
0.11	17.3	11.2	21
-0.67	17.3	11.2	22
-1.39	17.4	11.3	20
-2.13	17.3	11.4	24
-2.86	17.3	11.6	35
-3.58	17.3	11.7	55
-4.31	17.3	11.8	57
-5.07	17.3	11.8	65
-5.79	17.3	11.9	59
-6.47	17.3	11.9	49
-7.19	17.4	12.0	47
-7.90	17.3	12.1	55
-8.59	17.3	12.2	54
-9.30	17.3	12.2	85
-10.01	17.3	12.3	109
-10.71	17.3	12.3	97
-11.36	17.3	12.5	89
-12.05	17.3	12.7	57
-12.70	17.2	12.9	42
-13.14	17.2	13.0	47
Depth Avg	17.3	11.8	50



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

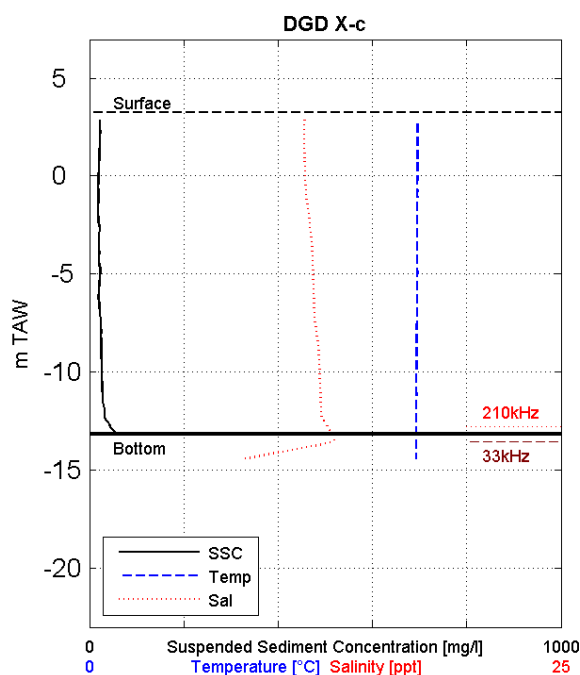
Sourcefile(s):

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8242 Xc_ctd.sil

Location:

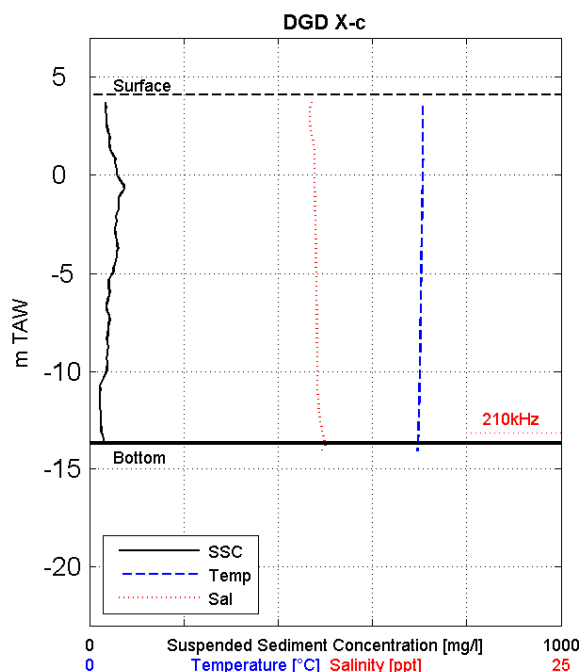
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:37
 Time after/before HT [MET]: 3:47
 Coordinates [UTM-ED50] Easting: 588647
 Coordinates [UTM-ED50] Northing: 5684504
 Water-Bottom Interface Siltpr. [m TAW]: -13.18
 Waterdepth 210 kHz Echo [m TAW]: -12.77
 Waterdepth 33 kHz Echo [m TAW]: -13.58
 Surface Elevation [m TAW]: 3.25

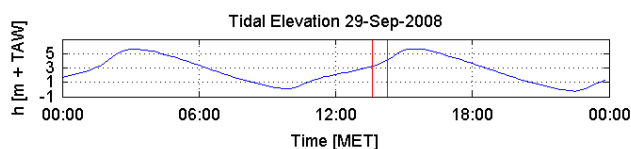
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.94	17.4	11.4	20
2.23	17.4	11.4	22
1.50	17.4	11.4	22
0.73	17.4	11.4	19
-0.05	17.4	11.4	19
-0.76	17.4	11.4	18
-1.47	17.4	11.5	17
-2.31	17.3	11.7	18
-3.17	17.4	11.8	19
-3.98	17.4	11.8	18
-4.79	17.4	11.8	24
-5.60	17.4	11.9	21
-6.32	17.4	11.9	18
-7.01	17.3	11.9	22
-7.72	17.3	12.0	23
-8.53	17.3	12.1	24
-9.24	17.3	12.2	24
-9.96	17.3	12.2	26
-10.69	17.3	12.2	28
-11.48	17.3	12.2	27
-12.27	17.3	12.3	32
-13.00	17.3	12.7	48
-13.18	17.3	12.9	60
Depth Avg			
17.3 11.8 23			



Siltprofiler

Date & Time [MET]: 29/9/2008 14:15
 Time after/before HT [MET]: 4:25
 Coordinates [UTM-ED50] Easting: 588659
 Coordinates [UTM-ED50] Northing: 5684494
 Water-Bottom Interface Siltpr. [m TAW]: -13.71
 Waterdepth 210 kHz Echo [m TAW]: -13.17
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.10

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.80	17.6	11.8	32
2.94	17.6	11.7	35
2.09	17.7	11.8	41
1.22	17.6	11.9	43
0.27	17.7	11.9	57
-0.55	17.6	11.9	74
-1.36	17.6	11.9	59
-2.16	17.6	11.9	56
-3.00	17.6	12.0	56
-3.94	17.6	12.0	59
-4.80	17.6	12.0	49
-5.63	17.6	12.0	40
-6.42	17.6	12.0	37
-7.23	17.6	12.0	44
-8.07	17.5	12.0	38
-8.88	17.5	12.0	37
-9.71	17.5	12.0	36
-10.52	17.5	12.0	27
-11.33	17.5	12.1	23
-12.10	17.4	12.2	23
-12.93	17.4	12.3	26
-13.71	17.4	12.5	3730
-13.71	17.4	12.5	3730
Depth Avg			
17.6 12.0 45			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

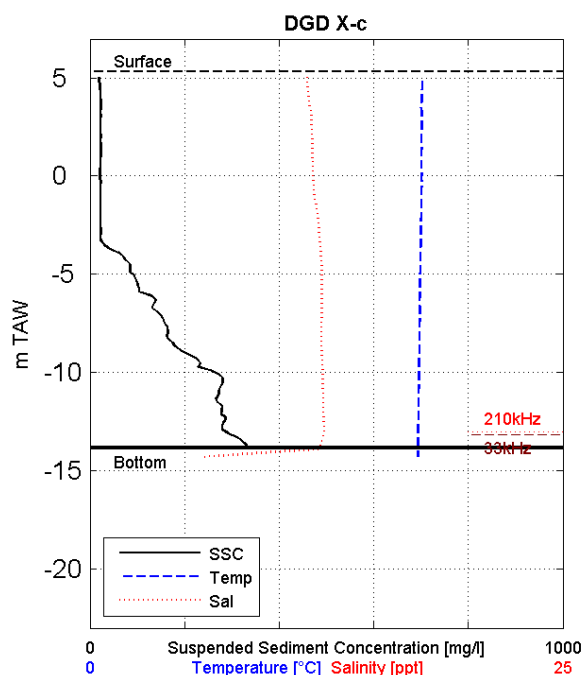
Sourcefile(s):

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8272 Xc_ctd.sil

Location:

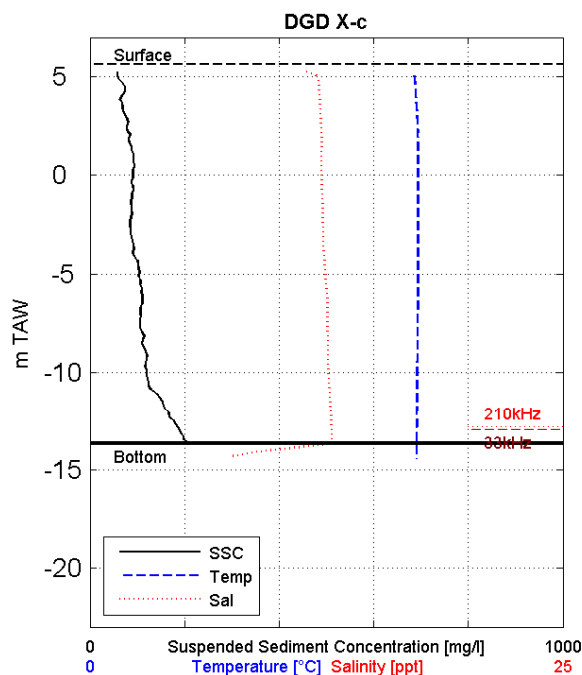
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 14:56
 Time after/before HT [MET]: 5:06
 Coordinates [UTM-ED50] Easting: 588660
 Coordinates [UTM-ED50] Northing: 5684486
 Water-Bottom Interface Siltpr. [m TAW]: -13.85
 Waterdepth 210 kHz Echo [m TAW]: -13.04
 Waterdepth 33 kHz Echo [m TAW]: -13.16
 Surface Elevation [m TAW]: 5.36

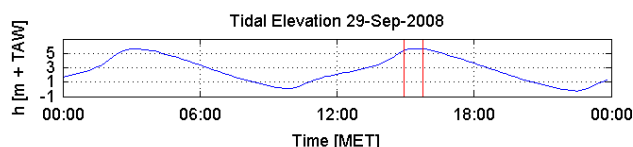
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.04	17.5	11.5	18
4.18	17.5	11.5	22
3.23	17.5	11.7	23
2.34	17.5	11.7	22
1.38	17.5	11.7	22
0.47	17.5	11.8	22
-0.41	17.5	11.8	22
-1.34	17.5	11.9	22
-2.28	17.5	12.1	22
-3.21	17.5	12.1	22
-4.05	17.5	12.2	67
-4.91	17.4	12.2	86
-5.77	17.4	12.3	101
-6.68	17.4	12.2	129
-7.59	17.4	12.2	159
-8.42	17.4	12.2	171
-9.31	17.4	12.3	226
-10.24	17.4	12.3	279
-11.10	17.4	12.3	273
-11.94	17.3	12.3	276
-12.87	17.3	12.4	278
-13.63	17.3	12.2	326
-13.85	17.3	12.1	328
Depth Avg			
17.4			
12.0			
114			



Siltprofiler

Date & Time [MET]: 29/9/2008 15:44
 Time after/before HT [MET]: 5:54
 Coordinates [UTM-ED50] Easting: 588655
 Coordinates [UTM-ED50] Northing: 5684504
 Water-Bottom Interface Siltpr. [m TAW]: -13.65
 Waterdepth 210 kHz Echo [m TAW]: -12.81
 Waterdepth 33 kHz Echo [m TAW]: -12.93
 Surface Elevation [m TAW]: 5.62

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.34	17.1	11.2	58
4.36	17.2	12.1	74
3.53	17.3	12.2	67
2.64	17.3	12.2	79
1.80	17.3	12.2	82
0.92	17.3	12.2	91
-0.01	17.4	12.2	90
-0.89	17.4	12.3	88
-1.80	17.4	12.3	87
-2.66	17.3	12.3	82
-3.62	17.3	12.3	94
-4.56	17.4	12.4	104
-5.47	17.3	12.5	107
-6.37	17.3	12.5	110
-7.31	17.3	12.6	106
-8.27	17.3	12.6	113
-9.23	17.3	12.6	120
-10.14	17.3	12.6	120
-11.00	17.3	12.7	137
-11.90	17.3	12.7	157
-12.76	17.3	12.7	182
-13.63	17.2	12.8	201
-13.65	17.3	12.7	5296
Depth Avg			
17.3			
12.4			
109			



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

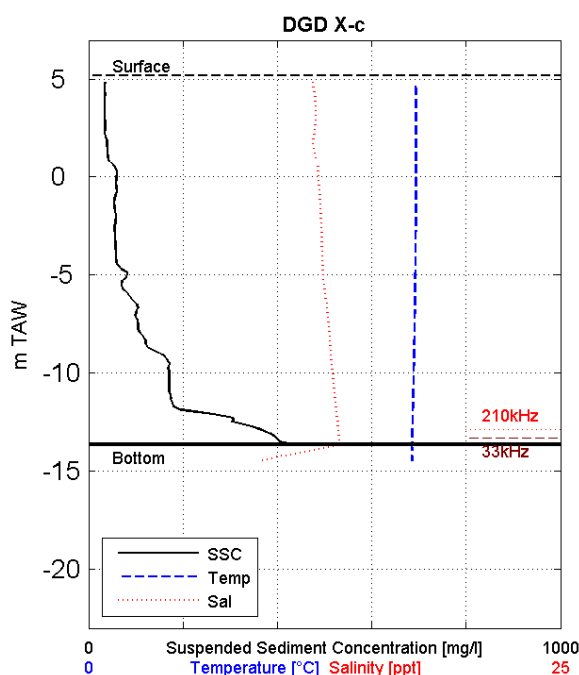
Sourcefile(s):

8287 Xc_ctd.sil

8302 Xc_ctd.sil

Location:

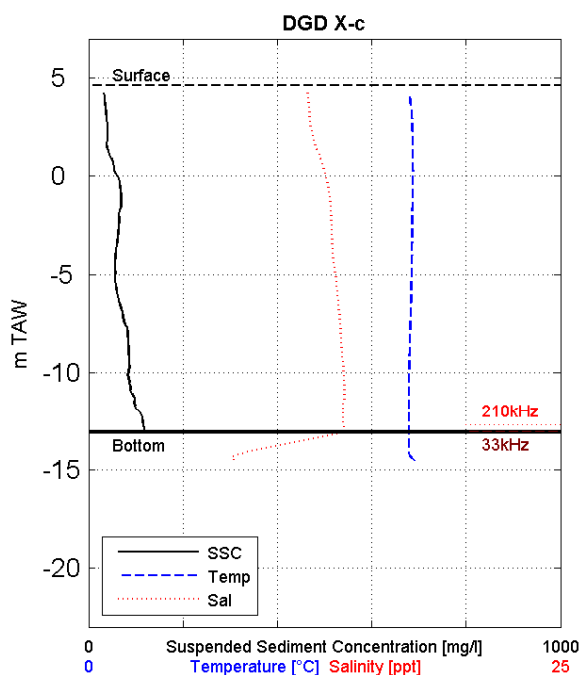
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:23
 Time after/before HT [MET]: 6:33
 Coordinates [UTM-ED50] Easting: 588644
 Coordinates [UTM-ED50] Northing: 5684489
 Water-Bottom Interface Siltpr. [m TAW]: -13.64
 Waterdepth 210 kHz Echo [m TAW]: -12.88
 Waterdepth 33 kHz Echo [m TAW]: -13.30
 Surface Elevation [m TAW]: 5.18

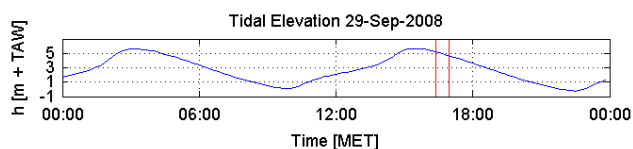
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.88	17.3	11.9	35
4.07	17.3	12.0	34
3.22	17.3	12.0	33
2.40	17.3	11.9	34
1.50	17.4	11.9	40
0.63	17.3	12.1	51
-0.27	17.3	12.2	57
-1.09	17.3	12.2	53
-2.00	17.3	12.3	56
-2.86	17.3	12.3	54
-3.74	17.3	12.4	57
-4.70	17.3	12.4	69
-5.63	17.3	12.5	70
-6.56	17.3	12.6	105
-7.43	17.3	12.7	104
-8.26	17.2	12.8	121
-9.15	17.2	12.8	160
-10.05	17.2	12.9	170
-10.94	17.1	13.0	171
-11.82	17.1	13.1	186
-12.66	17.1	13.2	332
-13.55	17.1	13.3	418
-13.64	17.1	13.3	530
Depth Avg	17.3	12.5	105



Siltprofiler

Date & Time [MET]: 29/9/2008 16:57
 Time after/before HT [MET]: 7:07
 Coordinates [UTM-ED50] Easting: 588648
 Coordinates [UTM-ED50] Northing: 5684507
 Water-Bottom Interface Siltpr. [m TAW]: -13.08
 Waterdepth 210 kHz Echo [m TAW]: -12.68
 Waterdepth 33 kHz Echo [m TAW]: -13.03
 Surface Elevation [m TAW]: 4.64

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.34	16.9	11.6	31
3.55	17.0	11.7	36
2.75	17.1	11.7	39
1.94	17.2	11.9	39
1.12	17.2	12.2	44
0.31	17.2	12.5	54
-0.53	17.1	12.7	67
-1.41	17.1	12.8	68
-2.20	17.1	12.8	63
-3.05	17.1	12.9	60
-3.84	17.1	12.9	57
-4.67	17.1	13.0	55
-5.51	17.1	13.1	58
-6.33	17.1	13.2	64
-7.19	17.0	13.3	74
-8.07	17.0	13.3	82
-8.96	17.0	13.4	85
-9.76	16.9	13.5	86
-10.58	16.9	13.5	86
-11.38	16.9	13.5	98
-12.24	16.9	13.5	112
-13.03	16.9	13.5	119
-13.08	17.0	13.5	122
Depth Avg	17.1	12.8	66



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

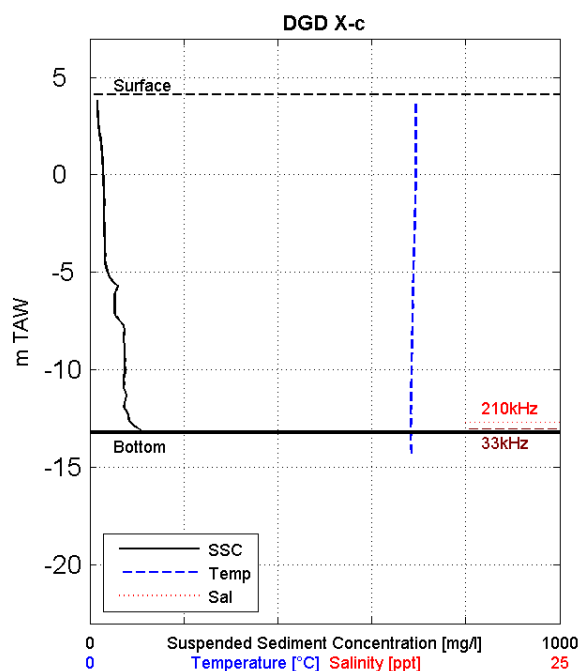
SiltProfiler & CTD-Diver

Sourcefile(s):

8317 Xc_ctd.sil

Location:

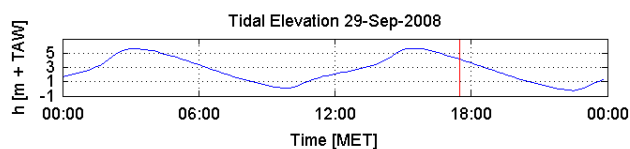
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:29
 Time after/before HT [MET]: 7:39
 Coordinates [UTM-ED50] Easting: 588643
 Coordinates [UTM-ED50] Northing: 5684502
 Water-Bottom Interface Siltpr. [m TAW]: -13.24
 Waterdepth 210 kHz Echo [m TAW]: -12.68
 Waterdepth 33 kHz Echo [m TAW]: -13.03
 Surface Elevation [m TAW]: 4.14

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.84	17.3	NaN	16
2.91	17.3	NaN	16
2.10	17.3	NaN	21
1.27	17.4	NaN	26
0.50	17.4	NaN	26
-0.26	17.3	NaN	30
-1.00	17.3	NaN	29
-1.86	17.3	NaN	30
-2.72	17.3	NaN	32
-3.53	17.2	NaN	32
-4.42	17.2	NaN	32
-5.28	17.2	NaN	44
-6.06	17.2	NaN	52
-6.90	17.1	NaN	54
-7.73	17.1	NaN	72
-8.55	17.1	NaN	72
-9.30	17.1	NaN	74
-10.09	17.1	NaN	75
-10.86	17.1	NaN	71
-11.59	17.1	NaN	74
-12.40	17.1	NaN	83
-13.24	17.1	NaN	103
Depth Avg	17.2	NaN	47



Data Processed by:



In association with :



I/RA/11283/08.090/MSA

F.4 Location Xd

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

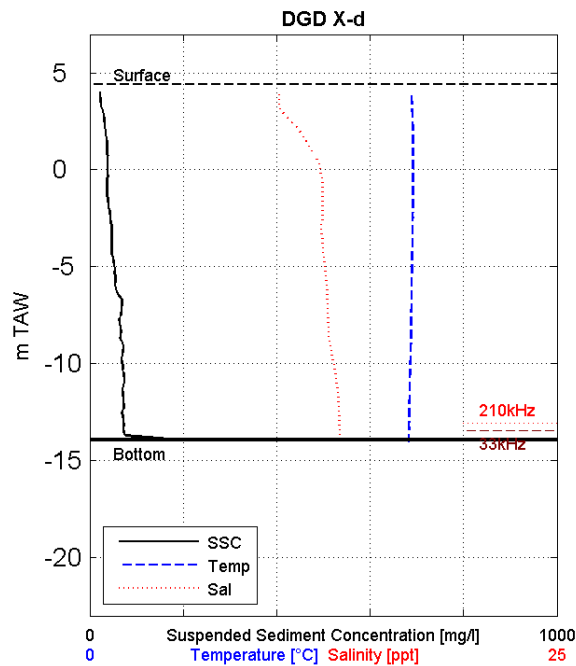
SiltProfiler & CTD-Diver

Sourcefile(s):

8005 Xd_ctd.sil
8020 Xd_ctd.sil

Location:

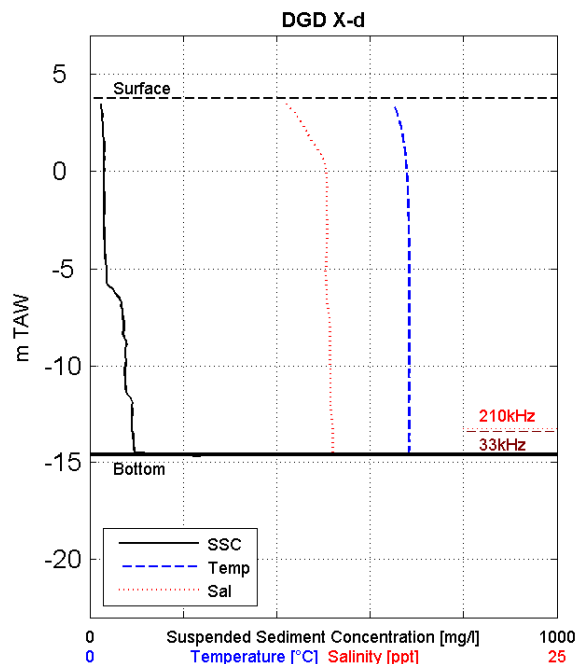
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 04:57
Time after/before HT [MET]: 1:47
Coordinates [UTM-ED50] Easting: 588704
Coordinates [UTM-ED50] Northing: 5684573
Water-Bottom Interface Siltpr. [m TAW]: -13.94
Waterdepth 210 kHz Echo [m TAW]: -13.08
Waterdepth 33 kHz Echo [m TAW]: -13.44
Surface Elevation [m TAW]: 4.42

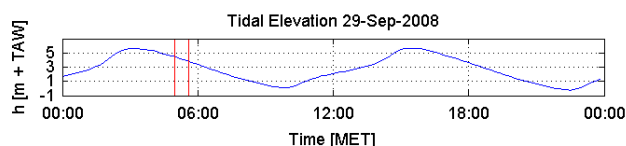
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.10	17.2	NaN	21
3.14	17.2	10.2	28
2.21	17.3	11.1	32
1.25	17.3	11.7	36
0.37	17.3	12.3	39
-0.50	17.3	12.4	37
-1.35	17.3	12.4	37
-2.19	17.3	12.4	41
-2.93	17.3	12.4	47
-3.81	17.2	12.4	47
-4.67	17.2	12.5	51
-5.51	17.2	12.6	55
-6.47	17.2	12.7	60
-7.31	17.2	12.7	67
-8.16	17.2	12.8	63
-8.93	17.1	12.8	70
-9.67	17.2	13.0	67
-10.48	17.1	13.1	73
-11.24	17.1	13.2	68
-12.09	17.1	13.3	74
-12.96	17.1	13.3	72
-13.84	17.1	13.4	74
-13.94	17.1	13.4	52
Depth Avg			
17.2			
12.4			
52			



Siltprofiler

Date & Time [MET]: 29/9/2008 05:36
Time after/before HT [MET]: 2:26
Coordinates [UTM-ED50] Easting: 588685
Coordinates [UTM-ED50] Northing: 5684581
Water-Bottom Interface Siltpr. [m TAW]: -14.63
Waterdepth 210 kHz Echo [m TAW]: -13.30
Waterdepth 33 kHz Echo [m TAW]: -13.41
Surface Elevation [m TAW]: 3.78

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.48	16.2	10.5	23
2.62	16.6	11.2	25
1.72	16.8	11.8	30
0.78	16.9	12.4	29
-0.05	17.0	12.6	30
-0.91	17.0	12.7	30
-1.73	17.0	12.6	31
-2.58	17.0	12.7	27
-3.44	17.1	12.7	31
-4.26	17.1	12.6	31
-5.15	17.1	12.6	35
-5.93	17.1	12.6	42
-6.74	17.1	12.7	67
-7.55	17.1	12.8	70
-8.43	17.1	12.9	70
-9.27	17.1	12.9	74
-10.13	17.1	12.9	75
-10.97	17.1	12.9	76
-11.83	17.1	12.9	91
-12.73	17.1	12.9	89
-13.57	17.1	13.0	93
-14.41	17.1	13.0	96
-14.63	17.1	13.0	565
Depth Avg			
17.0			
12.5			
53			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

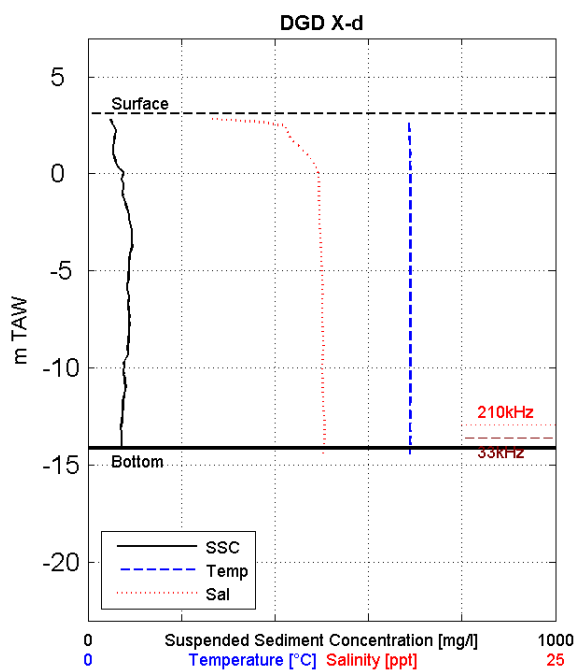
Sourcefile(s):

8035 Xd_ctd.sil

8051 Xd_ctd.sil

Location:

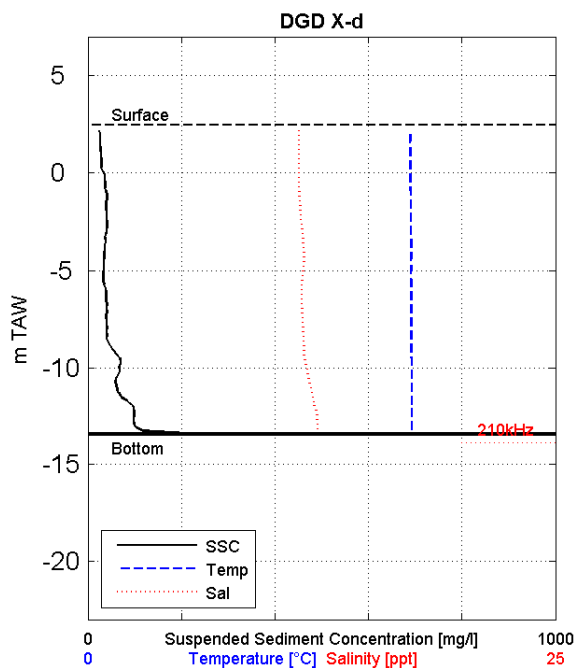
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:11
Time after/before HT [MET]: 3:01
Coordinates [UTM-ED50] Easting: 588684
Coordinates [UTM-ED50] Northing: 5684583
Water-Bottom Interface Siltpr. [m TAW]: -14.11
Waterdepth 210 kHz Echo [m TAW]: -12.95
Waterdepth 33 kHz Echo [m TAW]: -13.60
Surface Elevation [m TAW]: 3.15

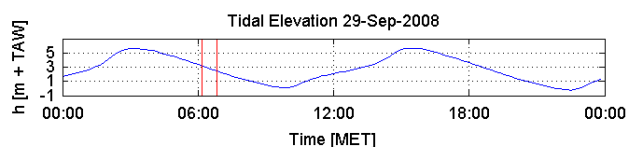
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.87	17.1	6.3	48
2.11	17.2	10.7	59
1.37	17.2	11.4	55
0.59	17.2	12.0	58
-0.15	17.2	12.3	73
-0.87	17.3	12.3	73
-1.68	17.3	12.3	82
-2.49	17.2	12.4	89
-3.23	17.2	12.4	93
-4.06	17.3	12.4	91
-4.82	17.2	12.5	87
-5.61	17.3	12.5	85
-6.34	17.2	12.5	89
-7.18	17.2	12.5	88
-8.04	17.2	12.5	88
-8.87	17.2	12.6	83
-9.71	17.2	12.5	75
-10.57	17.2	12.5	79
-11.43	17.2	12.6	77
-12.31	17.2	12.6	74
-13.18	17.2	12.7	71
-14.04	17.2	12.6	72
-14.11	17.2	12.6	71
Depth Avg			
	17.2	12.2	77



Siltprofiler

Date & Time [MET]: 29/9/2008 06:51
Time after/before HT [MET]: 3:41
Coordinates [UTM-ED50] Easting: 588699
Coordinates [UTM-ED50] Northing: 5684568
Water-Bottom Interface Siltpr. [m TAW]: -13.47
Waterdepth 210 kHz Echo [m TAW]: -13.92
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 2.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.20	17.2	11.3	24
1.39	17.2	11.2	26
0.53	17.2	11.3	28
-0.22	17.2	11.3	36
-0.84	17.2	11.3	39
-1.53	17.2	11.3	39
-2.19	17.3	11.4	40
-2.91	17.3	11.4	40
-3.81	17.3	11.5	36
-4.57	17.3	11.5	34
-5.36	17.3	11.4	34
-6.03	17.3	11.4	38
-6.77	17.3	11.4	41
-7.52	17.3	11.5	39
-8.27	17.3	11.5	40
-8.97	17.3	11.5	49
-9.74	17.3	11.6	69
-10.42	17.3	11.8	63
-11.14	17.3	11.9	62
-11.83	17.3	12.1	92
-12.54	17.3	12.2	97
-13.30	17.3	12.3	116
-13.47	17.3	12.3	617
Depth Avg			
	17.3	11.5	48



Data Processed by:



In association with:



wt | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

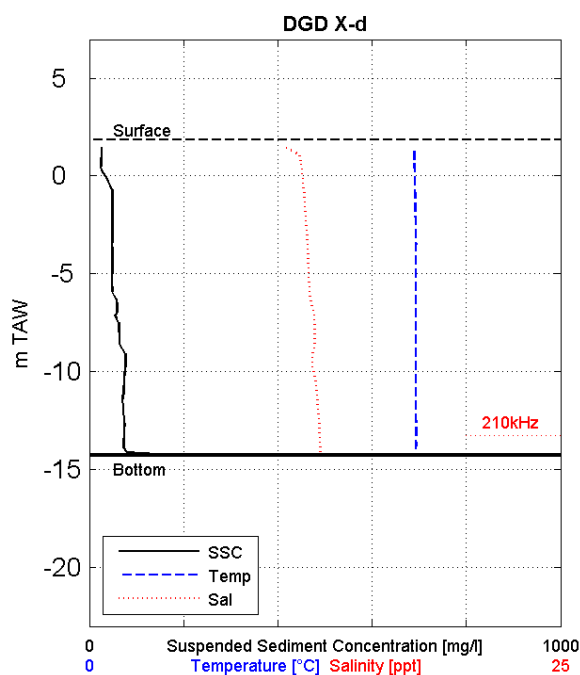
Sourcefile(s):

8066 Xd_ctd.sil

8081 Xd_ctd.sil

Location:

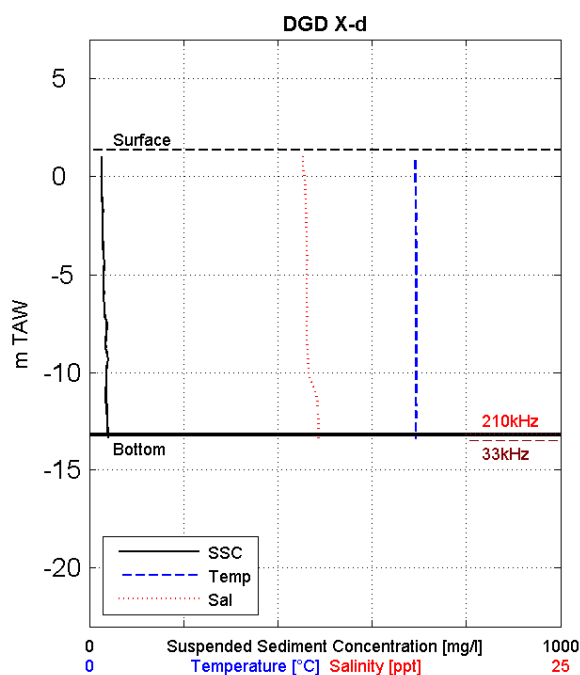
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:23
 Time after/before HT [MET]: 4:13
 Coordinates [UTM-ED50] Easting: 588687
 Coordinates [UTM-ED50] Northing: 5684581
 Water-Bottom Interface Siltpr. [m TAW]: -14.28
 Waterdepth 210 kHz Echo [m TAW]: -13.28
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.87

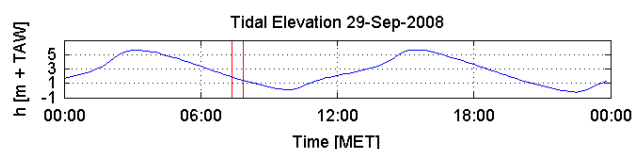
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.59	17.2	10.3	24
0.86	17.2	11.2	24
0.10	17.3	11.3	29
-0.71	17.3	11.4	48
-1.43	17.3	11.4	48
-2.09	17.3	11.5	48
-2.82	17.3	11.5	48
-3.59	17.3	11.6	47
-4.45	17.3	11.6	49
-5.33	17.3	11.6	47
-6.20	17.3	11.7	54
-7.06	17.3	11.9	53
-7.94	17.3	11.9	63
-8.82	17.3	11.9	67
-9.76	17.3	11.8	77
-10.59	17.4	12.0	72
-11.40	17.4	12.1	70
-12.16	17.3	12.1	73
-13.03	17.3	12.2	74
-13.96	17.3	12.2	72
-14.23	17.3	12.2	35
-14.25	17.3	12.2	125
-14.28	17.3	12.2	41
Depth Avg	17.3	11.7	56



Siltprofiler

Date & Time [MET]: 29/9/2008 07:53
 Time after/before HT [MET]: 4:43
 Coordinates [UTM-ED50] Easting: 588679
 Coordinates [UTM-ED50] Northing: 5684584
 Water-Bottom Interface Siltpr. [m TAW]: -13.25
 Waterdepth 210 kHz Echo [m TAW]: -13.21
 Waterdepth 33 kHz Echo [m TAW]: -13.51
 Surface Elevation [m TAW]: 1.38

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.05	17.3	11.4	24
0.42	17.3	11.4	25
-0.29	17.3	11.4	26
-0.89	17.3	11.5	25
-1.52	17.3	11.5	28
-2.16	17.3	11.5	27
-2.83	17.3	11.5	27
-3.54	17.3	11.5	28
-4.23	17.3	11.5	30
-4.90	17.3	11.5	30
-5.61	17.3	11.5	29
-6.29	17.3	11.5	30
-6.98	17.3	11.5	32
-7.59	17.3	11.5	37
-8.21	17.3	11.5	35
-8.82	17.3	11.6	35
-9.47	17.3	11.6	38
-10.10	17.3	11.6	37
-10.77	17.3	11.9	36
-11.45	17.3	12.1	34
-12.12	17.3	12.1	36
-12.81	17.3	12.1	37
-13.25	17.3	12.2	39
Depth Avg	17.3	11.6	31



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

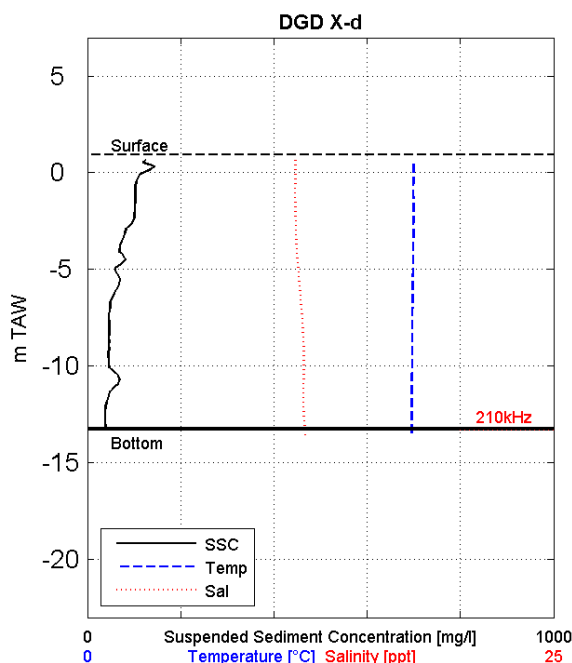
SiltProfiler & CTD-Diver

Sourcefile(s):

8096 Xd_ctd.sil
8116 Xd_ctd.sil

Location:

Deurganckdok

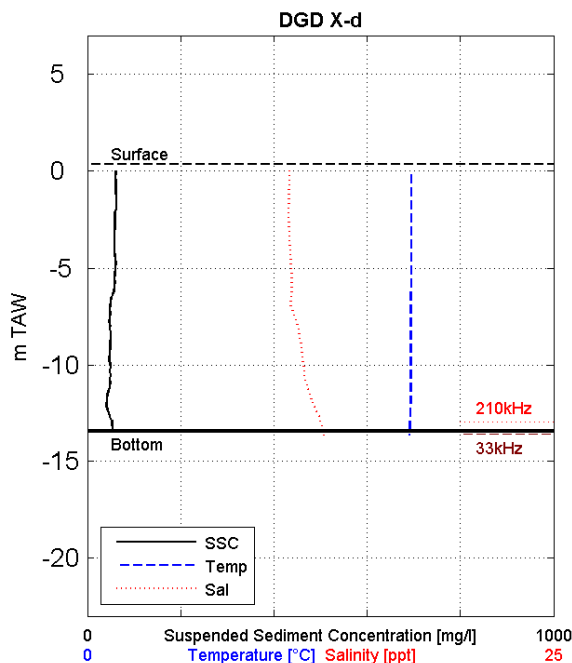


Siltprofiler

Date & Time [MET]: 29/9/2008 08:23
Time after/before HT [MET]: 5:13
Coordinates [UTM-ED50] Easting: 588675
Coordinates [UTM-ED50] Northing: 5684587
Water-Bottom Interface Siltpr. [m TAW]: -13.28
Waterdepth 210 kHz Echo [m TAW]: -13.32
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 0.97

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.66	17.4	11.1	126
0.02	17.5	11.1	120
-0.84	17.4	11.1	102
-1.54	17.4	11.1	103
-2.25	17.5	11.1	101
-2.94	17.5	11.2	82
-3.60	17.5	11.2	70
-4.21	17.4	11.2	71
-4.83	17.4	11.3	58
-5.41	17.4	11.3	69
-6.06	17.4	11.4	59
-6.77	17.4	11.4	49
-7.43	17.4	11.5	46
-8.07	17.4	11.5	47
-8.69	17.4	11.6	48
-9.37	17.4	11.6	44
-10.09	17.4	11.6	47
-10.70	17.4	11.6	69
-11.32	17.4	11.6	48
-11.95	17.4	11.6	43
-12.55	17.4	11.6	37
-13.13	17.4	11.6	40
-13.28	17.4	11.7	39

Depth Avg 17.4 11.4 69

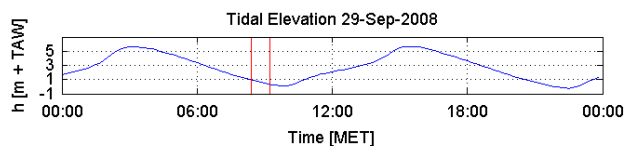


Siltprofiler

Date & Time [MET]: 29/9/2008 09:14
Time after/before HT [MET]: 6:04
Coordinates [UTM-ED50] Easting: 588681
Coordinates [UTM-ED50] Northing: 5684574
Water-Bottom Interface Siltpr. [m TAW]: -13.45
Waterdepth 210 kHz Echo [m TAW]: -12.99
Waterdepth 33 kHz Echo [m TAW]: -13.63
Surface Elevation [m TAW]: 0.36

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.04	17.4	10.8	60
-0.55	17.3	10.8	60
-1.14	17.3	10.8	60
-1.80	17.4	10.8	63
-2.42	17.3	10.8	58
-3.05	17.3	10.8	58
-3.67	17.3	10.8	57
-4.21	17.3	10.9	58
-4.87	17.3	10.9	62
-5.51	17.4	10.9	58
-6.15	17.4	10.9	56
-6.87	17.3	10.9	48
-7.53	17.4	11.1	48
-8.26	17.3	11.3	48
-8.88	17.4	11.4	48
-9.52	17.3	11.5	49
-10.15	17.4	11.6	49
-10.82	17.3	11.7	48
-11.49	17.3	11.9	44
-12.07	17.3	12.1	42
-12.67	17.3	12.4	47
-13.25	17.3	12.6	53
-13.45	17.3	12.6	53

Depth Avg 17.3 11.2 53



Data Processed by: 
In association with: 
I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

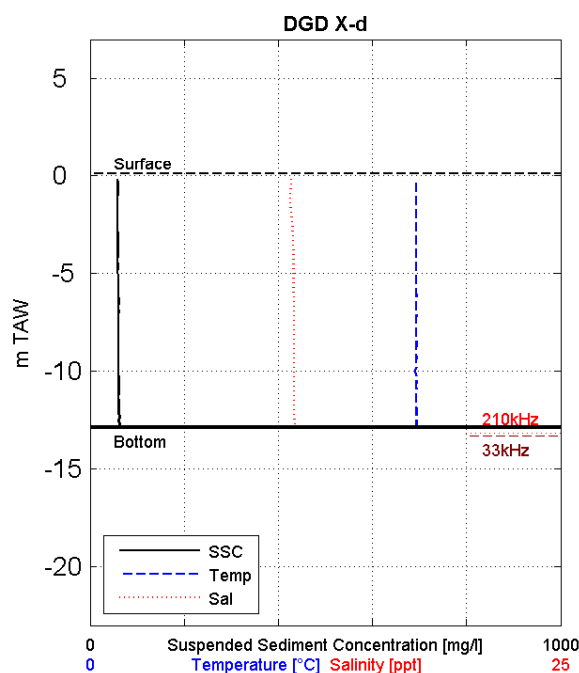
SiltProfiler & CTD-Diver

Sourcefile(s):

8131 Xd_ctd.sil
8146 Xd_ctd.sil

Location:

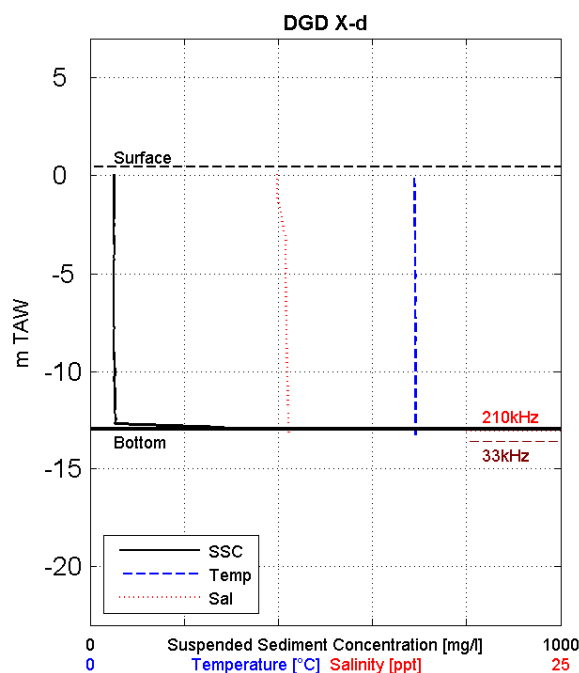
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 09:53
Time after/before HT [MET]: 0:03
Coordinates [UTM-ED50] Easting: 588698
Coordinates [UTM-ED50] Northing: 5684579
Water-Bottom Interface Siltpr. [m TAW]: -12.88
Waterdepth 210 kHz Echo [m TAW]: -13.16
Waterdepth 33 kHz Echo [m TAW]: -13.31
Surface Elevation [m TAW]: 0.12

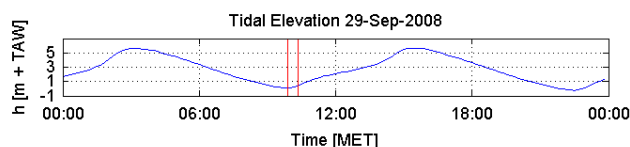
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.18	17.3	10.7	58
-0.74	17.3	10.6	58
-1.33	17.3	10.6	59
-1.99	17.3	10.7	57
-2.64	17.3	10.7	58
-3.25	17.3	10.8	58
-3.87	17.3	10.8	57
-4.51	17.3	10.8	58
-5.05	17.3	10.8	59
-5.63	17.3	10.8	58
-6.20	17.3	10.8	59
-6.76	17.3	10.8	60
-7.38	17.3	10.8	58
-7.90	17.3	10.8	59
-8.51	17.3	10.8	59
-9.12	17.3	10.8	59
-9.76	17.3	10.8	58
-10.38	17.3	10.8	60
-11.04	17.3	10.8	61
-11.68	17.3	10.8	60
-12.27	17.3	10.8	64
-12.84	17.3	10.9	63
-12.88	17.3	10.9	73
Depth Avg	17.3	10.8	59



Siltprofiler

Date & Time [MET]: 29/9/2008 10:21
Time after/before HT [MET]: 0:31
Coordinates [UTM-ED50] Easting: 588694
Coordinates [UTM-ED50] Northing: 5684578
Water-Bottom Interface Siltpr. [m TAW]: -12.97
Waterdepth 210 kHz Echo [m TAW]: -13.08
Waterdepth 33 kHz Echo [m TAW]: -13.62
Surface Elevation [m TAW]: 0.43

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.11	17.2	9.9	52
-0.49	17.2	9.9	50
-1.15	17.2	9.9	51
-1.77	17.2	10.1	51
-2.35	17.2	10.2	49
-2.94	17.3	10.3	51
-3.61	17.3	10.4	52
-4.25	17.3	10.4	51
-4.91	17.3	10.4	51
-5.57	17.3	10.4	51
-6.19	17.3	10.4	51
-6.78	17.3	10.4	51
-7.42	17.3	10.4	51
-8.01	17.3	10.4	49
-8.62	17.3	10.4	50
-9.19	17.3	10.4	50
-9.80	17.3	10.4	51
-10.46	17.3	10.5	52
-11.08	17.3	10.5	52
-11.74	17.3	10.5	54
-12.40	17.3	10.5	54
-12.97	17.3	10.5	12347
-12.97	17.3	10.5	12347
Depth Avg	17.3	10.3	65



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

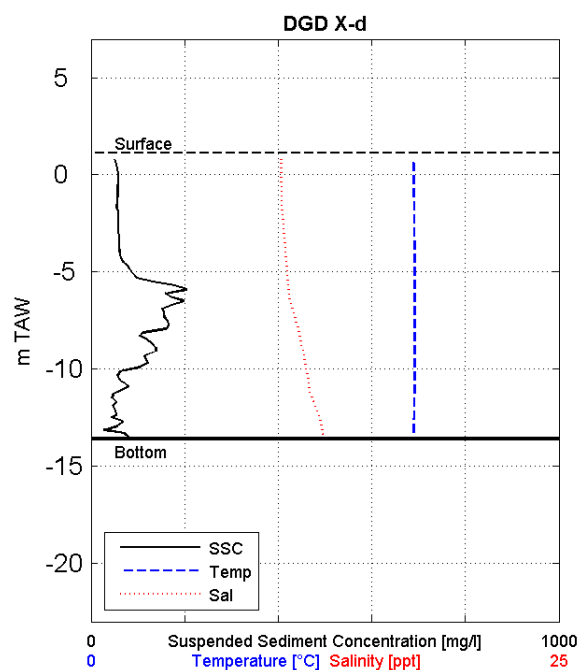
SiltProfiler & CTD-Diver

Sourcefile(s):

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8176 Xd_ctd.sil

Location:

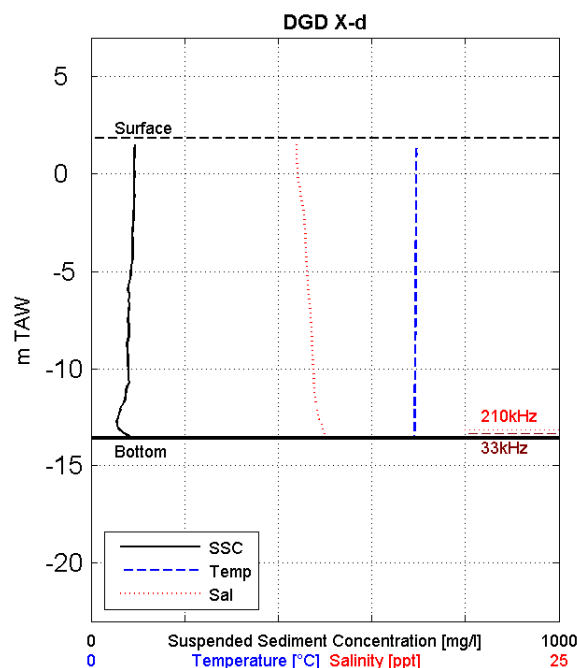
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:55
Time after/before HT [MET]: 1:05
Coordinates [UTM-ED50] Easting: 588703
Coordinates [UTM-ED50] Northing: 5684581
Water-Bottom Interface Siltpr. [m TAW]: -13.58
Waterdepth 210 kHz Echo [m TAW]: NaN
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 1.16

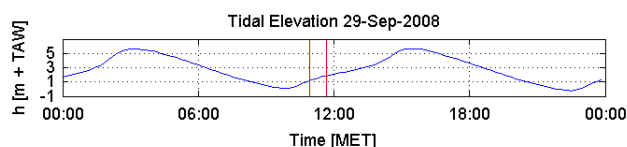
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.84	17.2	10.1	49
0.17	17.2	10.2	56
-0.56	17.3	10.2	56
-1.27	17.3	10.2	55
-1.94	17.3	10.2	58
-2.65	17.3	10.3	56
-3.41	17.3	10.3	59
-4.22	17.3	10.4	62
-5.01	17.3	10.5	86
-5.73	17.3	10.5	176
-6.54	17.3	10.6	175
-7.27	17.3	10.9	169
-7.89	17.3	11.1	188
-8.62	17.3	11.2	135
-9.28	17.3	11.4	157
-9.98	17.3	11.5	97
-10.62	17.3	11.6	72
-11.32	17.3	11.7	46
-12.02	17.3	12.0	40
-12.73	17.2	12.3	65
-13.42	17.2	12.4	75
-13.54	17.2	12.5	64
-13.58	17.2	12.5	89
Depth Avg			
17.3			
10.9			
86			



Siltprofiler

Date & Time [MET]: 29/9/2008 11:40
Time after/before HT [MET]: 1:50
Coordinates [UTM-ED50] Easting: 588706
Coordinates [UTM-ED50] Northing: 5684569
Water-Bottom Interface Siltpr. [m TAW]: -13.61
Waterdepth 210 kHz Echo [m TAW]: -13.17
Waterdepth 33 kHz Echo [m TAW]: -13.40
Surface Elevation [m TAW]: 1.85

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.55	17.4	11.0	95
0.79	17.4	11.0	92
0.03	17.3	11.0	93
-0.77	17.3	11.2	91
-1.62	17.4	11.3	91
-2.43	17.3	11.4	91
-3.25	17.4	11.4	88
-4.06	17.3	11.5	89
-4.85	17.3	11.5	85
-5.58	17.3	11.6	80
-6.41	17.3	11.6	79
-7.13	17.3	11.7	80
-7.82	17.3	11.8	82
-8.53	17.3	11.8	76
-9.27	17.3	11.8	78
-10.01	17.3	11.9	80
-10.84	17.3	11.9	77
-11.62	17.3	12.0	71
-12.39	17.3	12.1	58
-13.15	17.3	12.4	57
-13.52	17.3	12.5	70
-13.54	17.3	12.6	125
-13.61	17.2	12.6	71
Depth Avg			
17.3			
11.6			
82			



Data Processed by:



In association with:



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Through tide measurements Siltprofiler DGD Summer 2008

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Equipment(s):

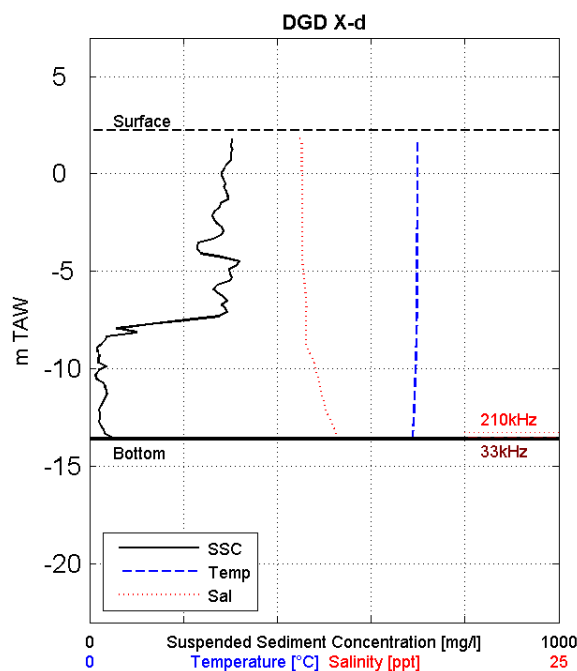
SiltProfiler & CTD-Diver

Sourcefile(s):

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8211 Xd_ctd.sil

Location:

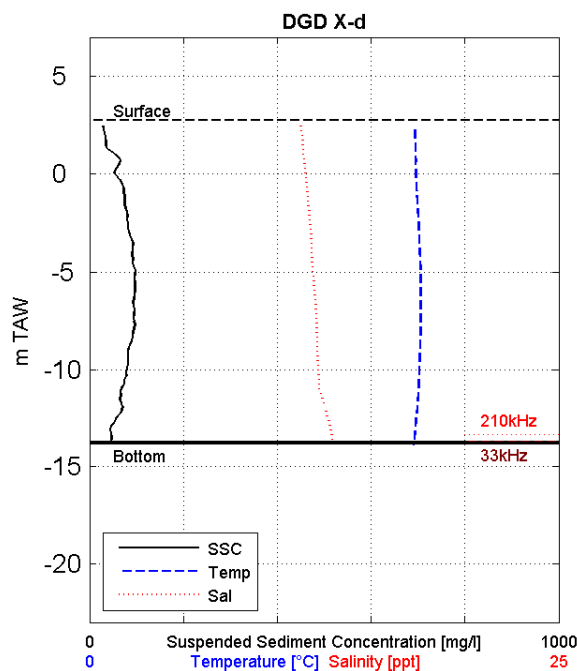
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:14
Time after/before HT [MET]: 2:24
Coordinates [UTM-ED50] Easting: 588696
Coordinates [UTM-ED50] Northing: 5684590
Water-Bottom Interface Siltpr. [m TAW]: -13.62
Waterdepth 210 kHz Echo [m TAW]: -13.28
Waterdepth 33 kHz Echo [m TAW]: -13.52
Surface Elevation [m TAW]: 2.25

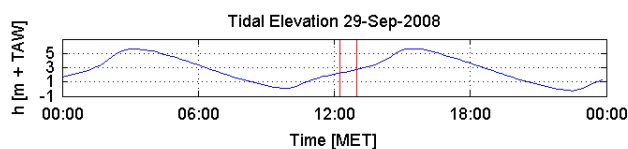
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.86	17.4	11.2	303
1.09	17.5	11.3	299
0.45	17.4	11.3	289
-0.36	17.4	11.3	288
-1.14	17.5	11.3	294
-1.86	17.4	11.3	267
-2.56	17.5	11.3	272
-3.31	17.4	11.3	263
-3.96	17.4	11.3	228
-4.68	17.4	11.3	310
-5.44	17.4	11.4	303
-6.23	17.4	11.5	282
-7.01	17.4	11.5	294
-7.68	17.4	11.5	113
-8.37	17.4	11.5	29
-9.10	17.4	11.7	12
-9.81	17.4	12.0	21
-10.55	17.4	12.2	22
-11.32	17.3	12.4	39
-12.03	17.3	12.6	31
-12.79	17.2	12.9	21
-13.43	17.2	13.1	48
-13.62	17.2	13.2	52
Depth Avg	17.4	11.7	187



Siltprofiler

Date & Time [MET]: 29/9/2008 12:59
Time after/before HT [MET]: 3:09
Coordinates [UTM-ED50] Easting: 588707
Coordinates [UTM-ED50] Northing: 5684579
Water-Bottom Interface Siltpr. [m TAW]: -13.80
Waterdepth 210 kHz Echo [m TAW]: -13.38
Waterdepth 33 kHz Echo [m TAW]: -13.71
Surface Elevation [m TAW]: 2.74

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.46	17.3	11.3	29
1.72	17.4	11.3	34
0.89	17.3	11.4	60
0.01	17.4	11.5	52
-0.80	17.4	11.6	73
-1.59	17.4	11.7	74
-2.43	17.5	11.7	82
-3.19	17.6	11.8	88
-4.00	17.6	11.8	91
-4.76	17.6	11.9	94
-5.47	17.6	11.9	97
-6.18	17.6	12.0	97
-6.93	17.6	12.1	95
-7.63	17.6	12.1	97
-8.40	17.6	12.1	89
-9.21	17.6	12.1	82
-10.00	17.6	12.2	80
-10.76	17.5	12.2	74
-11.50	17.5	12.4	65
-12.21	17.4	12.6	65
-12.89	17.3	12.8	48
-13.54	17.3	12.9	45
-13.80	17.3	12.9	47
Depth Avg	17.5	11.9	73



Data Processed by:



In association with:



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Through tide measurements Siltprofiler DGD Summer 2008

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Equipment(s):

SiltProfiler & CTD-Diver

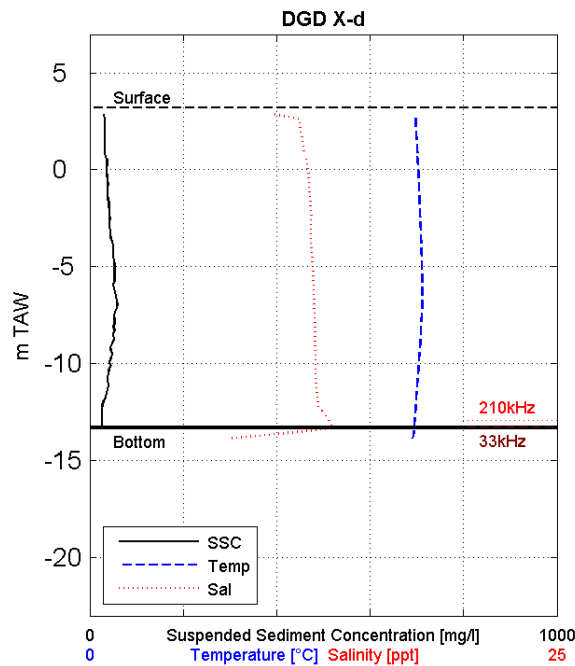
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8241 Xd_ctd.sil

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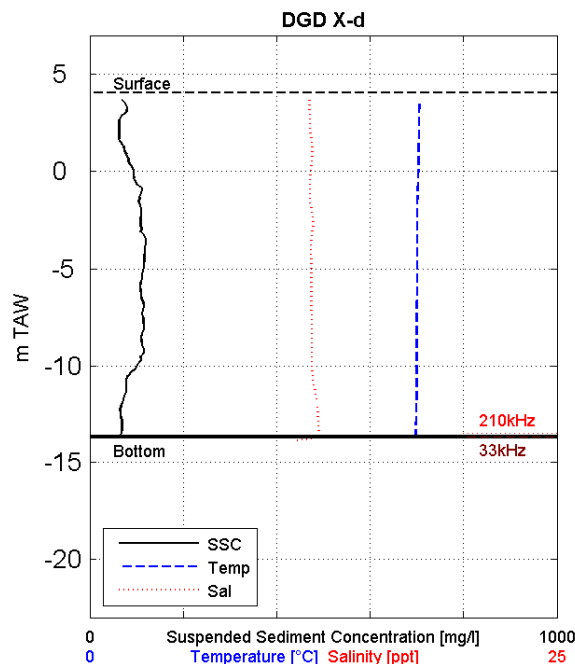
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:36
 Time after/before HT [MET]: 3:46
 Coordinates [UTM-ED50] Easting: 588693
 Coordinates [UTM-ED50] Northing: 5684579
 Water-Bottom Interface Siltpr. [m TAW]: -13.32
 Waterdepth 210 kHz Echo [m TAW]: -12.94
 Waterdepth 33 kHz Echo [m TAW]: -13.29
 Surface Elevation [m TAW]: 3.23

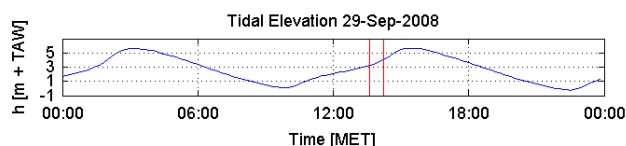
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.95	17.4	8.5	30
2.21	17.4	11.3	31
1.45	17.5	11.4	31
0.77	17.5	11.5	32
0.03	17.6	11.7	35
-0.76	17.6	11.7	39
-1.57	17.6	11.8	40
-2.40	17.7	11.8	43
-3.19	17.7	11.8	45
-3.98	17.7	11.9	47
-4.87	17.8	11.9	53
-5.68	17.8	12.0	53
-6.48	17.8	12.0	55
-7.05	17.8	12.0	57
-7.87	17.7	12.0	52
-8.52	17.7	12.0	49
-9.31	17.6	12.0	45
-10.07	17.6	12.0	45
-10.86	17.5	12.1	36
-11.53	17.5	12.2	35
-12.29	17.4	12.3	26
-13.05	17.3	12.9	25
-13.32	17.3	13.1	27
Depth Avg	17.6	11.8	41



Siltprofiler

Date & Time [MET]: 29/9/2008 14:13
 Time after/before HT [MET]: 4:23
 Coordinates [UTM-ED50] Easting: 588709
 Coordinates [UTM-ED50] Northing: 5684584
 Water-Bottom Interface Siltpr. [m TAW]: -13.72
 Waterdepth 210 kHz Echo [m TAW]: -13.53
 Waterdepth 33 kHz Echo [m TAW]: -13.69
 Surface Elevation [m TAW]: 4.04

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.76	17.6	11.8	66
2.83	17.6	11.8	66
2.01	17.6	11.8	63
1.08	17.6	11.9	74
0.32	17.6	11.8	88
-0.54	17.6	11.8	96
-1.38	17.5	11.8	104
-2.23	17.5	11.9	107
-3.10	17.5	11.9	107
-3.96	17.5	11.8	116
-4.80	17.5	11.8	115
-5.63	17.5	11.8	113
-6.47	17.5	11.9	109
-7.30	17.5	11.9	111
-8.09	17.5	11.9	113
-8.88	17.5	11.9	111
-9.68	17.5	11.9	109
-10.42	17.5	11.9	80
-11.16	17.4	12.0	75
-11.95	17.5	12.1	68
-12.75	17.4	12.2	66
-13.50	17.4	12.2	69
-13.72	17.4	12.3	582
Depth Avg	17.5	11.9	94



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

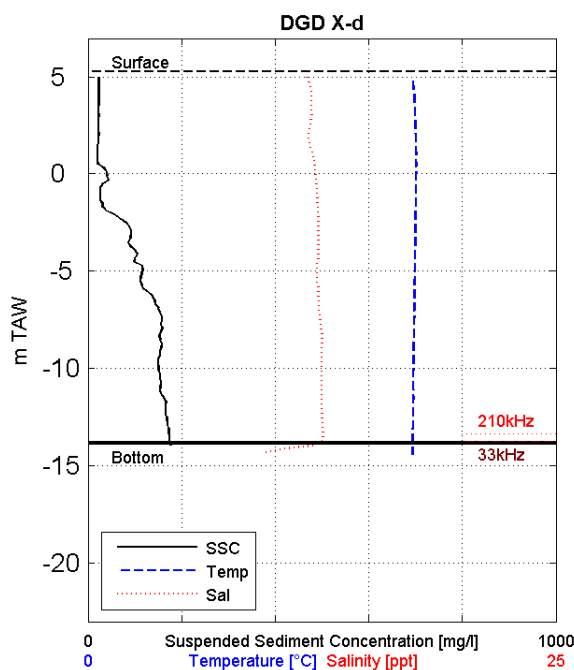
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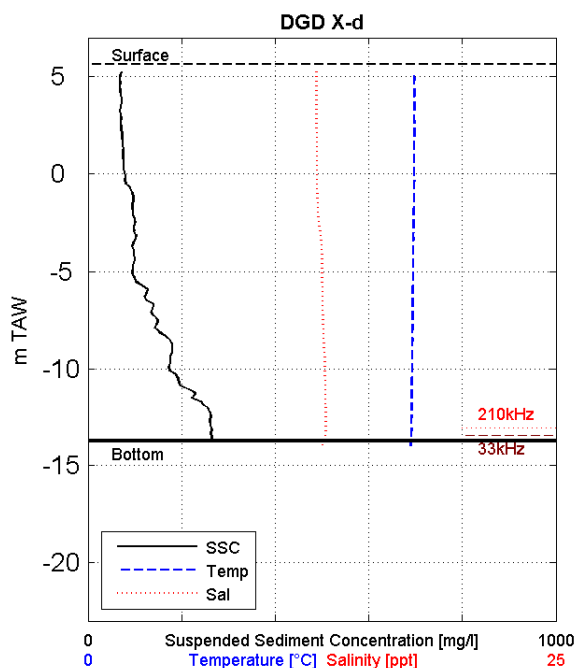
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 14:53
 Time after/before HT [MET]: 5:03
 Coordinates [UTM-ED50] Easting: 588677
 Coordinates [UTM-ED50] Northing: 5684562
 Water-Bottom Interface Siltpr. [m TAW]: -13.86
 Waterdepth 210 kHz Echo [m TAW]: -13.37
 Waterdepth 33 kHz Echo [m TAW]: -13.74
 Surface Elevation [m TAW]: 5.29

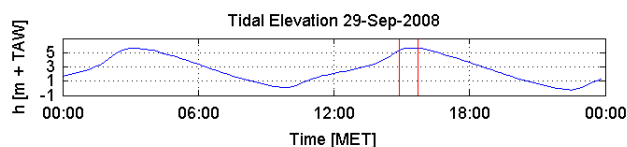
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.01	17.4	11.7	22
4.05	17.4	11.9	22
3.22	17.5	11.9	22
2.36	17.5	11.8	22
1.57	17.5	11.9	20
0.64	17.5	12.1	21
-0.32	17.5	12.2	47
-1.25	17.5	12.2	25
-2.17	17.5	12.3	60
-3.36	17.5	12.3	90
-4.10	17.5	12.3	106
-4.96	17.4	12.3	115
-5.78	17.4	12.3	117
-6.69	17.4	12.3	144
-7.55	17.4	12.4	158
-8.48	17.4	12.5	153
-9.31	17.4	12.4	152
-10.30	17.4	12.4	152
-11.18	17.4	12.4	154
-12.06	17.4	12.5	164
-12.93	17.4	12.5	171
-13.76	17.3	12.6	174
-13.86	17.3	12.6	175
Depth Avg	17.4	12.2	94



Siltprofiler

Date & Time [MET]: 29/9/2008 15:42
 Time after/before HT [MET]: 5:52
 Coordinates [UTM-ED50] Easting: 588698
 Coordinates [UTM-ED50] Northing: 5684580
 Water-Bottom Interface Siltpr. [m TAW]: -13.74
 Waterdepth 210 kHz Echo [m TAW]: -13.09
 Waterdepth 33 kHz Echo [m TAW]: -13.46
 Surface Elevation [m TAW]: 5.63

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.34	17.4	12.2	72
4.45	17.4	12.2	69
3.46	17.4	12.2	69
2.51	17.4	12.2	71
1.64	17.4	12.2	74
0.78	17.4	12.2	75
-0.10	17.4	12.2	82
-0.94	17.4	12.2	94
-1.87	17.4	12.3	96
-2.82	17.4	12.4	100
-3.69	17.3	12.5	95
-4.60	17.3	12.5	95
-5.56	17.3	12.5	101
-6.49	17.4	12.5	125
-7.45	17.3	12.5	147
-8.35	17.3	12.6	166
-9.22	17.3	12.6	177
-10.12	17.3	12.7	177
-11.01	17.3	12.7	208
-11.95	17.3	12.7	252
-12.83	17.3	12.7	256
-13.71	17.2	12.7	263
-13.74	17.2	12.7	263
Depth Avg	17.4	12.4	128



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

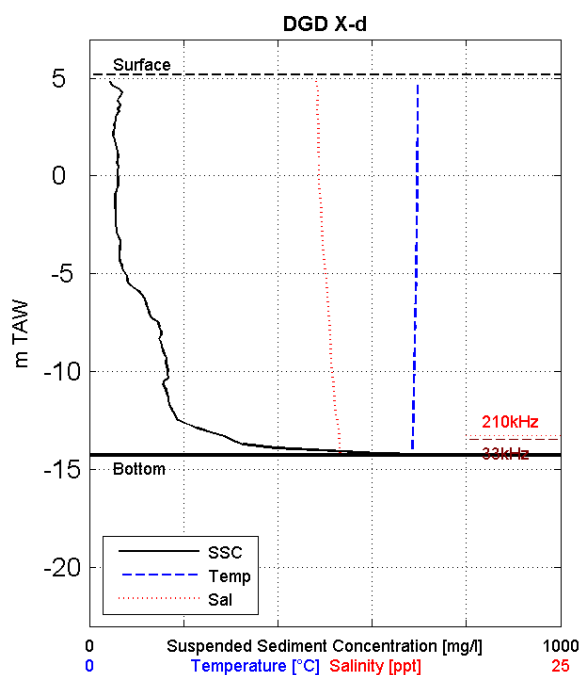
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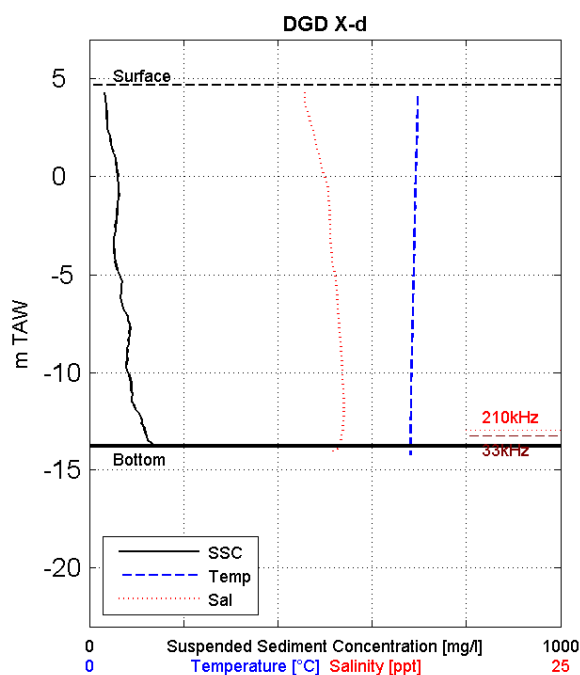
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:21
 Time after/before HT [MET]: 6:31
 Coordinates [UTM-ED50] Easting: 588695
 Coordinates [UTM-ED50] Northing: 5684561
 Water-Bottom Interface Siltpr. [m TAW]: -14.26
 Waterdepth 210 kHz Echo [m TAW]: -13.24
 Waterdepth 33 kHz Echo [m TAW]: -13.47
 Surface Elevation [m TAW]: 5.21

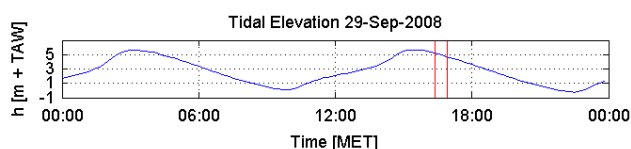
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.89	17.4	12.0	44
3.86	17.4	12.1	58
2.68	17.4	12.1	54
1.47	17.4	12.2	56
0.27	17.4	12.2	58
-0.83	17.4	12.2	56
-1.89	17.4	12.3	54
-3.07	17.4	12.3	58
-4.20	17.3	12.4	65
-5.18	17.3	12.6	82
-6.25	17.3	12.6	117
-7.43	17.3	12.7	141
-8.61	17.2	12.8	156
-9.71	17.2	12.8	163
-10.05	17.2	12.9	165
-10.54	17.2	12.9	156
-11.38	17.1	13.0	168
-12.43	17.2	13.1	186
-13.47	17.1	13.3	299
-14.16	17.1	NaN	481
-14.20	17.1	NaN	681
-14.21	17.1	NaN	604
-14.26	17.1	NaN	999
Depth Avg			
17.3			
12.5			
115			



Siltprofiler

Date & Time [MET]: 29/9/2008 16:55
 Time after/before HT [MET]: 7:05
 Coordinates [UTM-ED50] Easting: 588674
 Coordinates [UTM-ED50] Northing: 5684578
 Water-Bottom Interface Siltpr. [m TAW]: -13.79
 Waterdepth 210 kHz Echo [m TAW]: -13.00
 Waterdepth 33 kHz Echo [m TAW]: -13.29
 Surface Elevation [m TAW]: 4.67

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.37	17.4	11.4	31
3.60	17.4	11.5	36
2.79	17.4	11.7	37
2.01	17.4	11.9	44
1.12	17.3	12.2	52
0.27	17.3	12.4	58
-0.60	17.3	12.7	63
-1.46	17.3	12.7	60
-2.34	17.3	12.7	56
-3.30	17.2	12.8	53
-4.19	17.2	12.9	54
-5.14	17.2	13.0	65
-6.07	17.2	13.1	64
-6.92	17.1	13.2	76
-7.77	17.1	13.3	85
-8.58	17.1	13.3	81
-9.40	17.1	13.4	79
-10.25	17.1	13.4	88
-11.09	17.1	13.5	92
-11.93	17.0	13.5	101
-12.84	17.0	13.4	116
-13.79	17.0	13.3	143
Depth Avg			
17.2			
12.8			
68			



Data Processed by:



In association with:



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11283

Equipment(s):

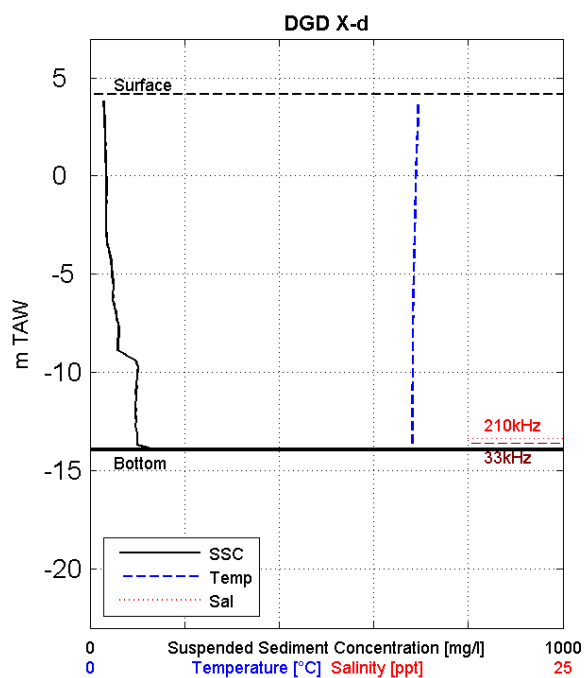
SiltProfiler & CTD-Diver

Sourcefile(s):

8316 Xd_ctd.sil

Location:

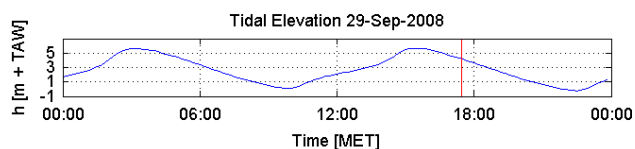
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:27
 Time after/before HT [MET]: 7:37
 Coordinates [UTM-ED50] Easting: 588710
 Coordinates [UTM-ED50] Northing: 5684580
 Water-Bottom Interface Siltpr. [m TAW]: -13.92
 Waterdepth 210 kHz Echo [m TAW]: -13.38
 Waterdepth 33 kHz Echo [m TAW]: -13.61
 Surface Elevation [m TAW]: 4.17

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.89	17.3	NaN	28
3.03	17.3	NaN	31
2.15	17.3	NaN	31
1.26	17.3	NaN	32
0.40	17.2	NaN	34
-0.53	17.2	NaN	35
-1.48	17.1	NaN	34
-2.40	17.2	NaN	34
-3.31	17.1	NaN	35
-4.11	17.1	NaN	41
-4.95	17.1	NaN	48
-5.79	17.1	NaN	47
-6.67	17.1	NaN	51
-7.53	17.1	NaN	60
-8.39	17.1	NaN	58
-9.32	17.0	NaN	90
-10.16	17.1	NaN	99
-11.09	17.0	NaN	97
-11.88	17.0	NaN	95
-12.74	17.1	NaN	95
-13.58	17.0	NaN	100
-13.85	17.1	NaN	121
-13.92	17.0	NaN	130
Depth Avg	17.1	NaN	56



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

F.5 Location Xe

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

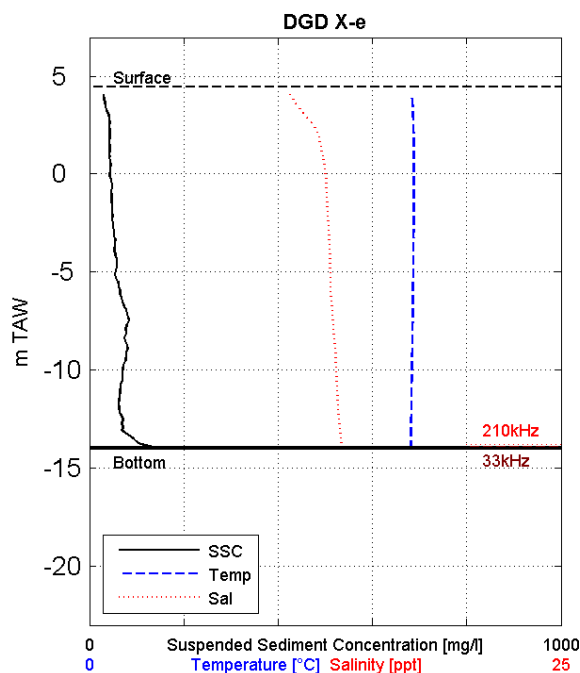
Sourcefile(s):

8004 Xe_ctd.sil

8019 Xe_ctd.sil

Location:

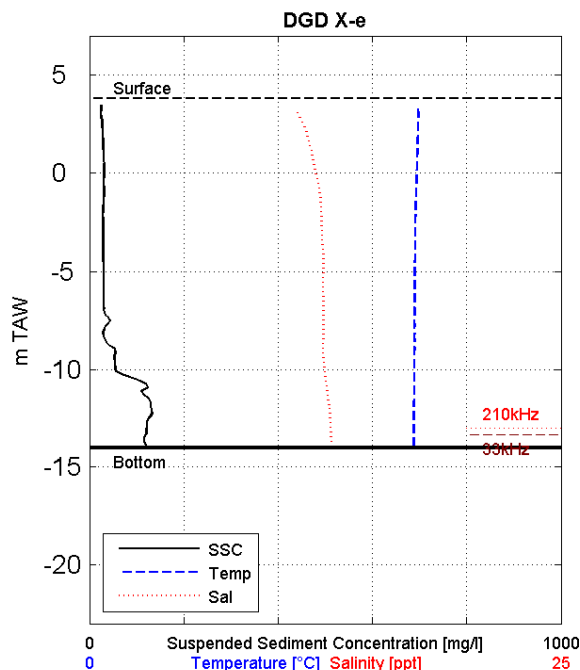
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 04:55
Time after/before HT [MET]: 1:45
Coordinates [UTM-ED50] Easting: 588718
Coordinates [UTM-ED50] Northing: 5684689
Water-Bottom Interface Siltpr. [m TAW]: -13.99
Waterdepth 210 kHz Echo [m TAW]: -13.78
Waterdepth 33 kHz Echo [m TAW]: -13.89
Surface Elevation [m TAW]: 4.47

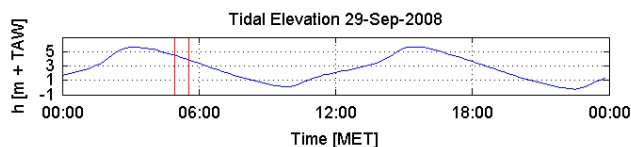
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.18	17.0	10.6	28
3.36	17.1	11.1	34
2.46	17.1	11.9	41
1.57	17.2	12.2	43
0.69	17.2	12.4	42
-0.20	17.2	12.5	43
-1.04	17.2	12.6	45
-1.92	17.2	12.6	49
-2.76	17.2	12.7	49
-3.64	17.1	12.7	54
-4.55	17.1	12.8	57
-5.43	17.1	12.8	59
-6.41	17.1	12.8	68
-7.18	17.1	12.9	79
-8.02	17.1	12.9	78
-8.83	17.1	13.0	80
-9.59	17.1	13.1	73
-10.40	17.1	13.1	69
-11.24	17.1	13.1	62
-12.07	17.1	13.2	63
-12.93	17.0	13.2	71
-13.79	17.1	13.3	108
-13.99	17.1	13.4	601
Depth Avg			
17.1 12.6 59			



Siltprofiler

Date & Time [MET]: 29/9/2008 05:33
Time after/before HT [MET]: 2:23
Coordinates [UTM-ED50] Easting: 588741
Coordinates [UTM-ED50] Northing: 5684634
Water-Bottom Interface Siltpr. [m TAW]: -14.05
Waterdepth 210 kHz Echo [m TAW]: -13.02
Waterdepth 33 kHz Echo [m TAW]: -13.40
Surface Elevation [m TAW]: 3.82

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.49	17.4	NaN	24
2.66	17.4	11.3	27
1.89	17.4	11.6	27
1.01	17.4	11.8	30
0.20	17.3	12.0	30
-0.66	17.3	12.2	30
-1.42	17.3	12.2	28
-2.24	17.3	12.3	28
-3.10	17.3	12.3	28
-3.96	17.2	12.4	28
-4.77	17.2	12.4	28
-5.62	17.2	12.4	28
-6.41	17.2	12.4	29
-7.24	17.2	12.4	37
-8.03	17.2	12.4	29
-8.87	17.2	12.4	49
-9.70	17.2	12.4	52
-10.46	17.2	12.5	97
-11.32	17.2	12.6	115
-12.09	17.2	12.7	132
-12.87	17.2	12.8	121
-13.66	17.2	12.8	115
-14.05	17.2	12.8	129
Depth Avg			
17.3 12.2 50			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

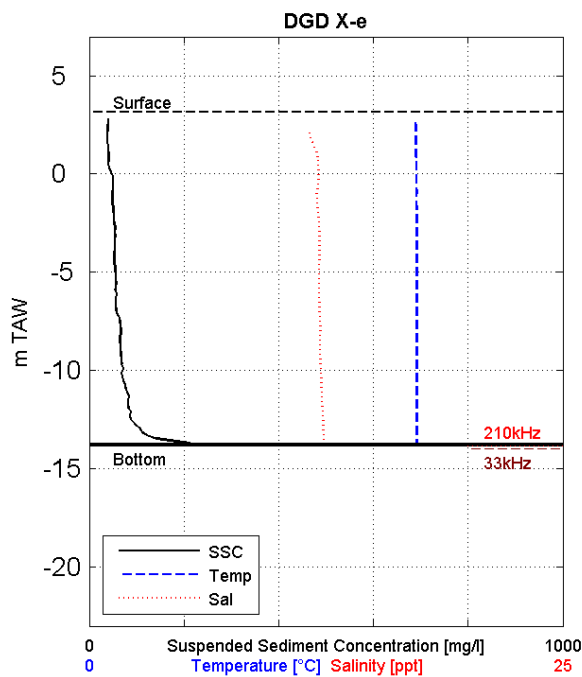
Sourcefile(s):

8034 Xe_ctd.sil

8050 Xe_ctd.sil

Location:

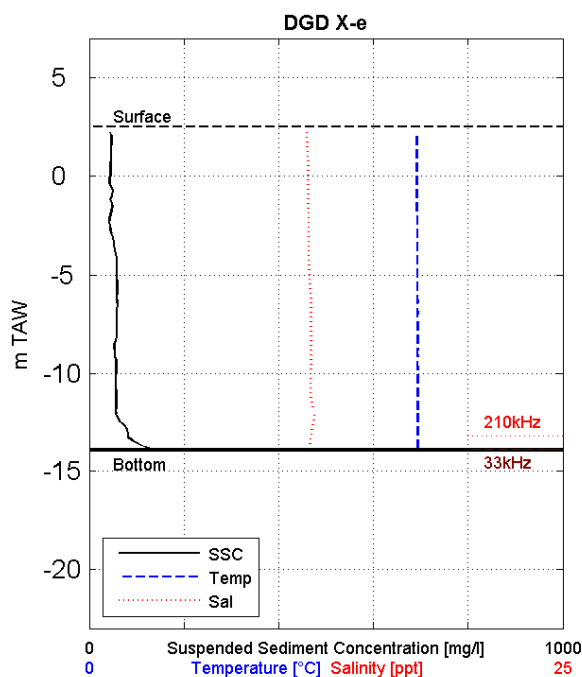
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:09
 Time after/before HT [MET]: 2:59
 Coordinates [UTM-ED50] Easting: 588741
 Coordinates [UTM-ED50] Northing: 5684664
 Water-Bottom Interface Siltpr. [m TAW]: -13.81
 Waterdepth 210 kHz Echo [m TAW]: -13.86
 Waterdepth 33 kHz Echo [m TAW]: -14.01
 Surface Elevation [m TAW]: 3.18

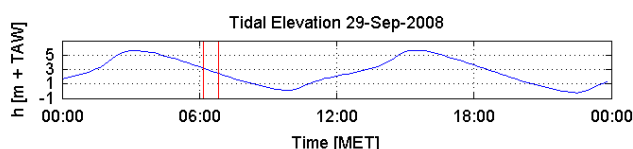
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.87	17.2	NaN	39
1.87	17.2	11.7	37
1.10	17.2	12.0	41
0.37	17.3	12.1	39
-0.30	17.3	12.1	48
-1.11	17.3	12.0	48
-1.92	17.3	12.1	51
-2.71	17.3	12.1	55
-3.47	17.3	12.2	51
-4.27	17.3	12.1	52
-5.14	17.3	12.1	54
-5.95	17.3	12.1	56
-6.74	17.3	12.1	57
-7.52	17.3	12.2	67
-8.28	17.3	12.2	63
-9.04	17.3	12.2	66
-9.88	17.3	12.2	72
-10.72	17.3	12.3	76
-11.45	17.3	12.3	81
-12.27	17.3	12.3	84
-13.08	17.3	12.4	106
-13.79	17.3	12.4	242
-13.81	17.3	12.4	238
Depth Avg			
17.3			
12.1			
62			



Siltprofiler

Date & Time [MET]: 29/9/2008 06:49
 Time after/before HT [MET]: 3:39
 Coordinates [UTM-ED50] Easting: 588723
 Coordinates [UTM-ED50] Northing: 5684626
 Water-Bottom Interface Siltpr. [m TAW]: -13.95
 Waterdepth 210 kHz Echo [m TAW]: -13.23
 Waterdepth 33 kHz Echo [m TAW]: -13.89
 Surface Elevation [m TAW]: 2.52

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.24	17.3	11.5	45
1.31	17.3	11.5	43
0.33	17.3	11.6	44
-0.61	17.3	11.6	49
-1.54	17.3	11.5	47
-2.43	17.3	11.5	42
-3.36	17.3	11.6	53
-4.19	17.3	11.6	57
-5.15	17.3	11.6	58
-6.09	17.3	11.7	58
-6.94	17.3	11.7	58
-7.85	17.3	11.7	57
-8.84	17.3	11.7	53
-9.72	17.3	11.7	58
-10.60	17.3	11.7	54
-11.51	17.3	11.7	56
-12.35	17.3	11.9	62
-13.24	17.3	11.7	77
-13.85	17.3	11.7	124
-13.87	17.4	11.7	138
-13.88	17.3	11.7	126
-13.90	17.3	11.7	149
-13.95	17.3	11.7	149
Depth Avg			
17.3			
11.6			
55			



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

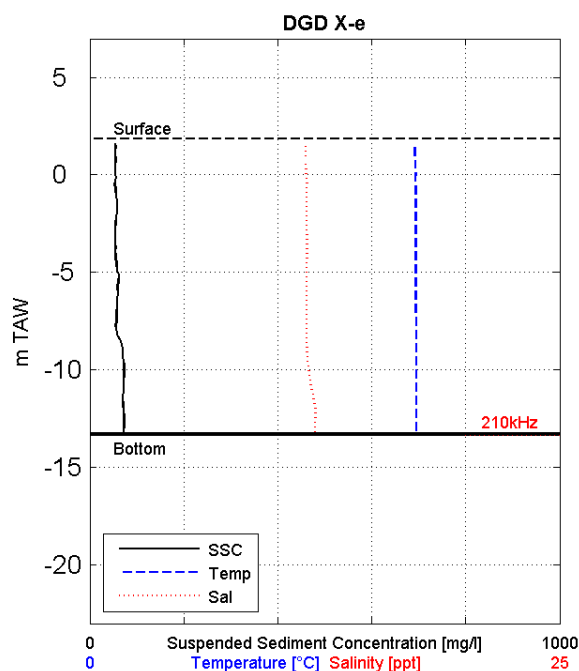
Sourcefile(s):

8065 Xe_ctd.sil

8080 Xe_ctd.sil

Location:

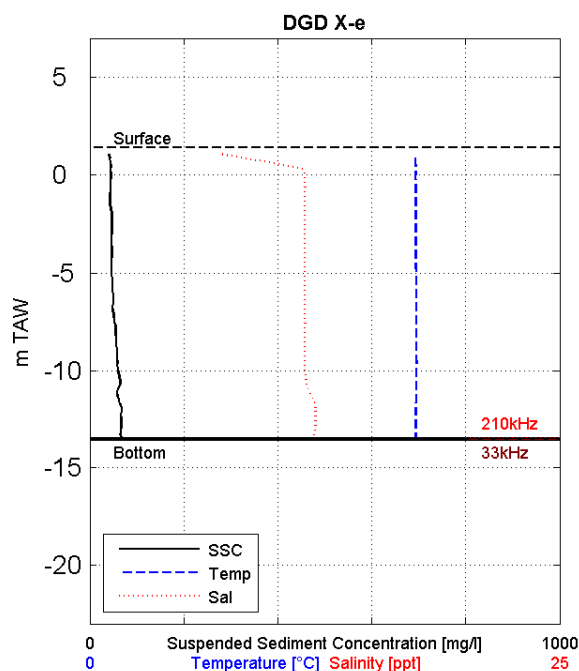
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:21
 Time after/before HT [MET]: 4:11
 Coordinates [UTM-ED50] Easting: 588718
 Coordinates [UTM-ED50] Northing: 5684633
 Water-Bottom Interface Siltpr. [m TAW]: -13.32
 Waterdepth 210 kHz Echo [m TAW]: -13.37
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.90

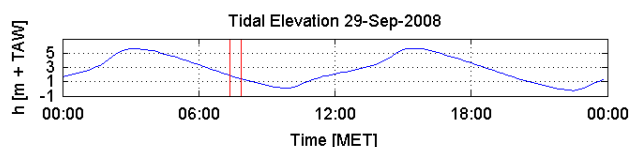
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.62	17.3	NaN	54
0.89	17.3	11.4	54
0.15	17.3	11.5	54
-0.74	17.3	11.5	56
-1.60	17.3	11.5	58
-2.40	17.3	11.5	55
-3.22	17.3	11.5	54
-4.05	17.3	11.5	55
-4.86	17.3	11.5	59
-5.67	17.3	11.5	58
-6.43	17.3	11.5	58
-7.24	17.3	11.5	57
-8.03	17.4	11.5	57
-8.79	17.4	11.5	69
-9.56	17.3	11.6	72
-10.37	17.3	11.7	72
-11.23	17.4	11.8	69
-12.07	17.3	12.0	72
-12.97	17.3	12.0	72
-13.25	17.3	12.0	72
-13.27	17.4	12.0	72
-13.29	17.4	12.0	73
-13.32	17.4	12.0	40
Depth Avg	17.3	11.6	60



Siltprofiler

Date & Time [MET]: 29/9/2008 07:51
 Time after/before HT [MET]: 4:41
 Coordinates [UTM-ED50] Easting: 588747
 Coordinates [UTM-ED50] Northing: 5684632
 Water-Bottom Interface Siltpr. [m TAW]: -13.55
 Waterdepth 210 kHz Echo [m TAW]: -13.47
 Waterdepth 33 kHz Echo [m TAW]: -13.55
 Surface Elevation [m TAW]: 1.40

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.11	17.3	6.8	41
0.42	17.3	11.0	43
-0.28	17.3	11.4	43
-0.96	17.3	11.4	43
-1.67	17.3	11.5	45
-2.34	17.3	11.4	45
-3.03	17.4	11.4	46
-3.71	17.3	11.4	46
-4.43	17.3	11.5	45
-5.22	17.4	11.5	48
-5.97	17.3	11.4	48
-6.71	17.4	11.4	48
-7.45	17.4	11.4	51
-8.18	17.3	11.4	55
-8.88	17.3	11.4	56
-9.59	17.4	11.4	58
-10.25	17.4	11.4	62
-10.82	17.4	11.6	61
-11.50	17.4	11.9	61
-12.22	17.3	12.0	65
-12.93	17.3	12.0	67
-13.49	17.3	11.9	68
-13.55	17.3	11.9	69
Depth Avg	17.3	11.3	52



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

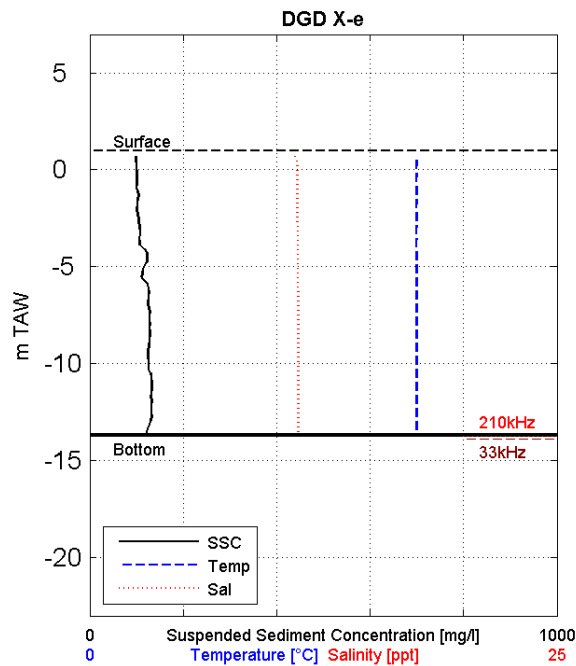
SiltProfiler & CTD-Diver

Sourcefile(s):

8095 Xe_ctd.sil
8115 Xe_ctd.sil

Location:

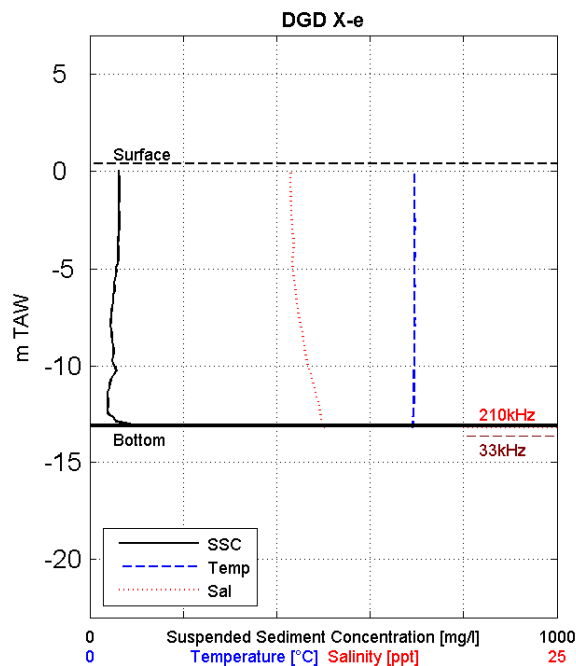
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 08:20
Time after/before HT [MET]: 5:10
Coordinates [UTM-ED50] Easting: 588753
Coordinates [UTM-ED50] Northing: 5684614
Water-Bottom Interface Siltpr. [m TAW]: -13.70
Waterdepth 210 kHz Echo [m TAW]: -13.74
Waterdepth 33 kHz Echo [m TAW]: -13.88
Surface Elevation [m TAW]: 1.00

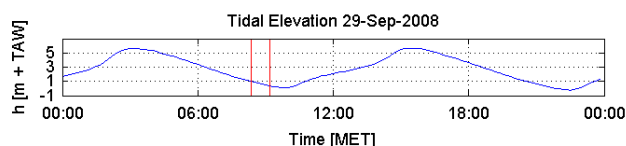
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.71	17.4	10.9	101
0.04	17.5	11.1	100
-0.77	17.4	11.1	102
-1.55	17.5	11.1	102
-2.37	17.5	11.1	103
-3.15	17.5	11.1	107
-3.94	17.5	11.1	106
-4.73	17.5	11.1	121
-5.39	17.4	11.1	111
-6.12	17.5	11.1	125
-6.87	17.4	11.1	124
-7.67	17.5	11.1	126
-8.29	17.5	11.2	128
-9.00	17.5	11.1	128
-9.67	17.5	11.2	124
-10.38	17.5	11.2	128
-11.09	17.5	11.2	134
-11.76	17.5	11.2	130
-12.45	17.5	11.2	131
-13.15	17.5	11.2	126
-13.58	17.5	11.1	122
-13.62	17.5	11.2	124
-13.70	17.5	11.2	126
Depth Avg	17.5	11.1	118



Siltprofiler

Date & Time [MET]: 29/9/2008 09:11
Time after/before HT [MET]: 6:01
Coordinates [UTM-ED50] Easting: 588714
Coordinates [UTM-ED50] Northing: 5684636
Water-Bottom Interface Siltpr. [m TAW]: -13.15
Waterdepth 210 kHz Echo [m TAW]: -13.25
Waterdepth 33 kHz Echo [m TAW]: -13.66
Surface Elevation [m TAW]: 0.39

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.08	17.4	NaN	61
-0.69	17.4	10.7	61
-1.28	17.4	10.7	62
-1.92	17.3	10.8	61
-2.55	17.4	10.8	62
-3.14	17.4	10.8	60
-3.84	17.4	10.9	60
-4.54	17.4	10.8	61
-5.29	17.3	10.9	55
-5.97	17.4	11.0	51
-6.71	17.4	11.1	49
-7.37	17.4	11.2	45
-8.08	17.4	11.3	44
-8.72	17.4	11.4	47
-9.41	17.3	11.5	51
-10.03	17.3	11.7	53
-10.66	17.3	11.9	45
-11.28	17.3	12.1	38
-11.87	17.3	12.2	40
-12.51	17.3	12.3	37
-13.05	17.3	12.5	64
-13.15	17.3	12.5	277
-13.15	17.3	12.5	165
Depth Avg	17.4	11.2	53



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

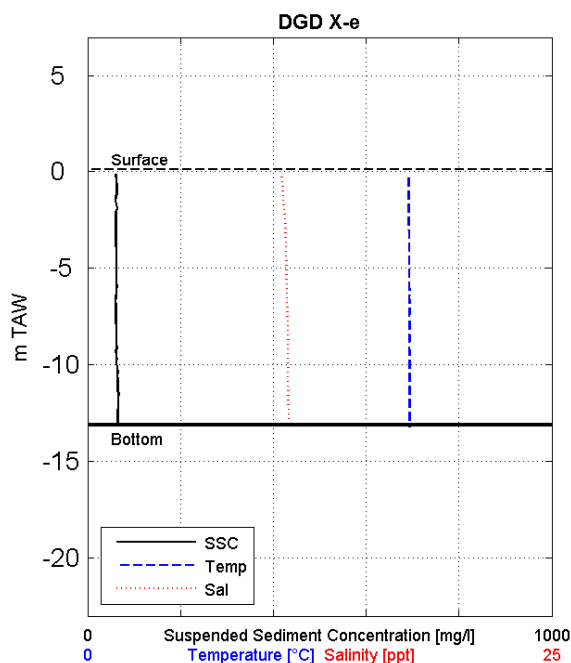
Sourcefile(s):

8130 Xe_ctd.sil

8145 Xe_ctd.sil

Location:

Deurganckdok

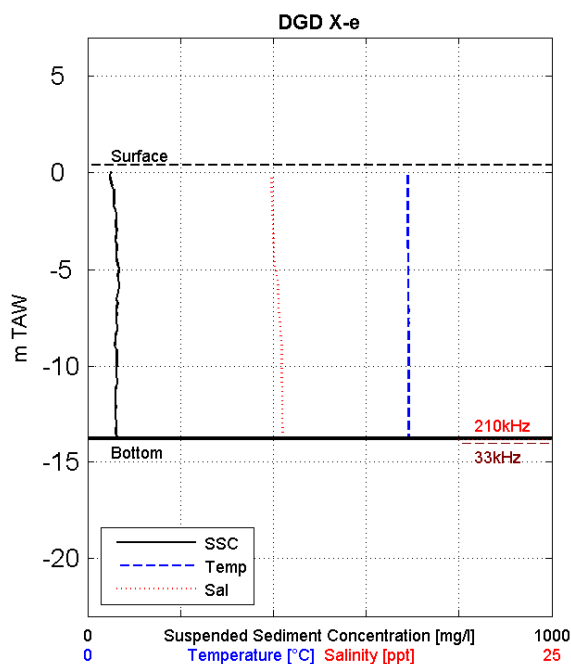


Siltprofiler

Date & Time [MET]: 29/9/2008 09:51
 Time after/before HT [MET]: 0:01
 Coordinates [UTM-ED50] Easting: 588701
 Coordinates [UTM-ED50] Northing: 5684627
 Water-Bottom Interface Siltpr. [m TAW]: -13.13
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.12

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.16	17.3	NaN	60
-0.79	17.3	10.5	62
-1.45	17.3	10.5	59
-2.02	17.3	10.6	62
-2.71	17.3	10.6	58
-3.27	17.3	10.7	62
-3.91	17.3	10.7	61
-4.55	17.3	10.7	60
-5.21	17.3	10.7	61
-5.80	17.3	10.7	61
-6.32	17.3	10.7	60
-6.91	17.3	10.7	61
-7.38	17.3	10.8	62
-7.99	17.3	10.8	62
-8.54	17.3	10.8	63
-9.10	17.3	10.8	62
-9.66	17.3	10.8	62
-10.18	17.3	10.8	64
-10.62	17.3	10.8	66
-11.48	17.3	10.8	66
-12.08	17.3	10.8	66
-12.73	17.3	10.8	63
-13.13	17.3	10.8	63

Depth Avg 17.3 10.7 62

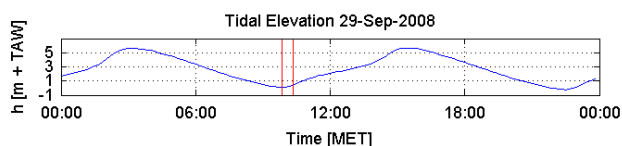


Siltprofiler

Date & Time [MET]: 29/9/2008 10:20
 Time after/before HT [MET]: 0:30
 Coordinates [UTM-ED50] Easting: 588756
 Coordinates [UTM-ED50] Northing: 5684639
 Water-Bottom Interface Siltpr. [m TAW]: -13.83
 Waterdepth 210 kHz Echo [m TAW]: -13.83
 Waterdepth 33 kHz Echo [m TAW]: -14.05
 Surface Elevation [m TAW]: 0.40

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.11	17.2	NaN	49
-0.80	17.2	9.9	54
-1.62	17.2	9.9	56
-2.55	17.2	10.0	60
-3.46	17.2	10.0	60
-4.37	17.3	10.0	62
-5.33	17.3	10.2	65
-6.18	17.3	10.2	63
-7.07	17.3	10.3	62
-7.96	17.3	10.4	64
-8.79	17.3	10.4	59
-9.18	17.3	10.4	62
-9.21	17.3	10.4	63
-9.33	17.3	10.4	66
-9.75	17.3	10.4	62
-10.44	17.3	10.4	60
-11.29	17.3	10.4	60
-12.06	17.3	10.4	60
-12.87	17.3	10.5	62
-13.65	17.3	10.5	60
-13.76	17.3	10.5	62
-13.78	17.3	10.5	65
-13.83	17.3	10.5	66

Depth Avg 17.3 10.2 60



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

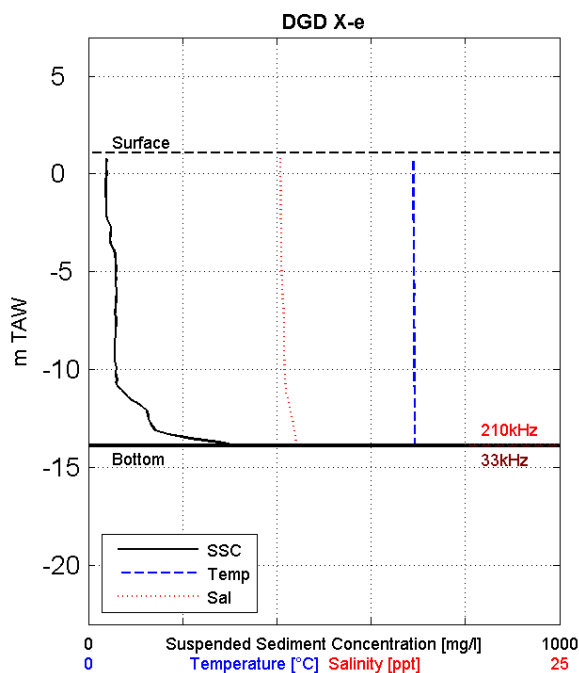
Sourcefile(s):

8160 Xe_ctd.sil

8175 Xe_ctd.sil

Location:

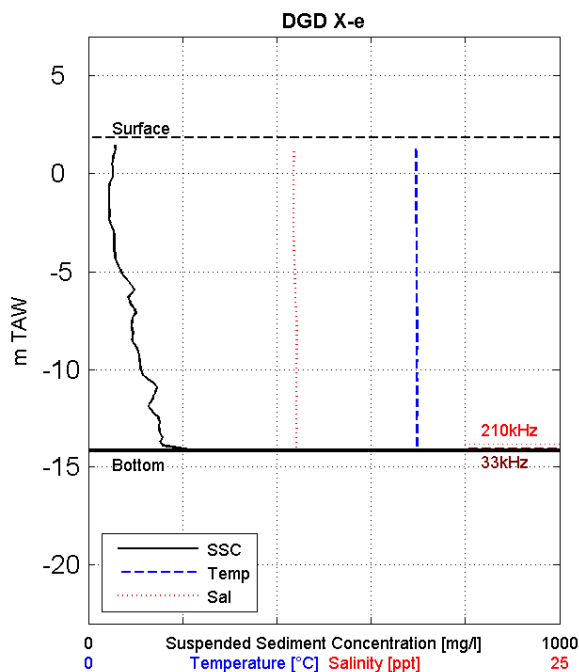
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:53
 Time after/before HT [MET]: 1:03
 Coordinates [UTM-ED50] Easting: 588751
 Coordinates [UTM-ED50] Northing: 5684628
 Water-Bottom Interface Siltpr. [m TAW]: -13.87
 Waterdepth 210 kHz Echo [m TAW]: -13.77
 Waterdepth 33 kHz Echo [m TAW]: -13.91
 Surface Elevation [m TAW]: 1.12

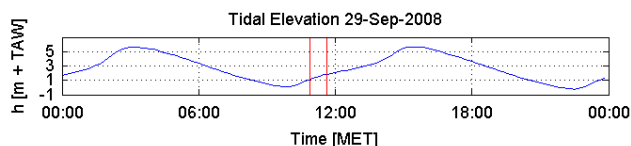
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.82	17.2	10.2	37
0.01	17.2	10.2	39
-0.77	17.2	10.2	38
-1.54	17.3	10.2	35
-2.25	17.3	10.2	40
-2.99	17.3	10.2	48
-3.75	17.3	10.2	51
-4.51	17.3	10.2	57
-5.20	17.3	10.2	58
-5.91	17.3	10.3	60
-6.62	17.3	10.3	56
-7.31	17.3	10.4	60
-8.04	17.3	10.4	57
-8.84	17.3	10.4	55
-9.65	17.3	10.4	56
-10.35	17.3	10.4	60
-11.05	17.3	10.5	70
-11.74	17.3	10.6	107
-12.49	17.3	10.8	125
-13.16	17.3	10.9	144
-13.77	17.3	11.0	290
-13.84	17.3	11.0	298
-13.87	17.3	11.0	313
Depth Avg	17.3	10.4	67



Siltprofiler

Date & Time [MET]: 29/9/2008 11:38
 Time after/before HT [MET]: 1:48
 Coordinates [UTM-ED50] Easting: 588760
 Coordinates [UTM-ED50] Northing: 5684656
 Water-Bottom Interface Siltpr. [m TAW]: -14.21
 Waterdepth 210 kHz Echo [m TAW]: -13.84
 Waterdepth 33 kHz Echo [m TAW]: -14.05
 Surface Elevation [m TAW]: 1.84

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.55	17.4	NaN	56
0.63	17.4	10.9	51
-0.33	17.4	10.9	45
-1.33	17.4	10.9	41
-2.34	17.4	10.9	45
-3.35	17.4	10.9	55
-4.30	17.4	10.9	57
-5.21	17.4	11.0	73
-6.08	17.4	11.0	97
-6.13	17.4	11.0	95
-6.17	17.4	11.0	92
-6.39	17.4	11.0	83
-6.94	17.4	11.0	100
-7.79	17.4	11.1	91
-8.66	17.4	11.0	95
-9.56	17.4	11.0	107
-10.42	17.4	11.0	123
-11.26	17.4	11.0	139
-12.12	17.4	11.0	134
-12.96	17.4	11.0	149
-13.87	17.4	11.0	155
-14.14	17.4	11.0	252
-14.21	17.4	11.0	262
Depth Avg	17.4	11.0	89



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

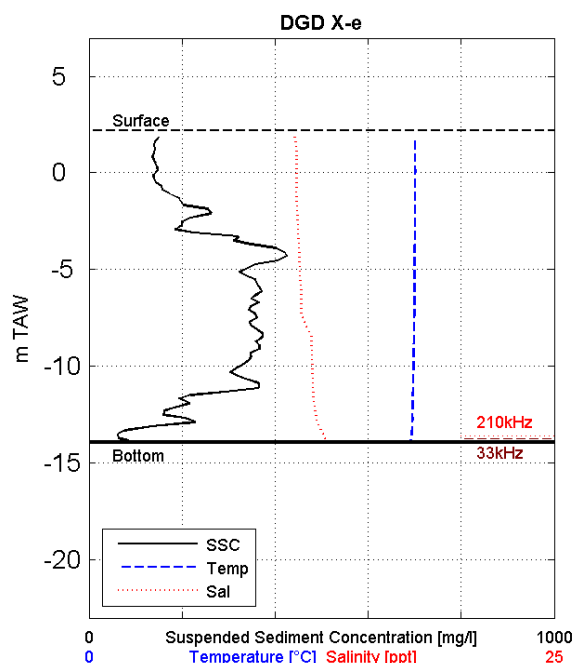
SiltProfiler & CTD-Diver

Sourcefile(s):

8190 Xe_ctd.sil
8210 Xe_ctd.sil

Location:

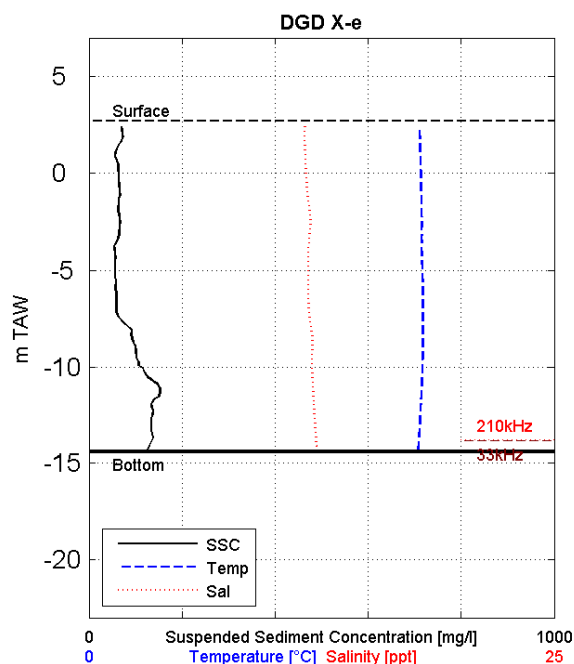
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:12
Time after/before HT [MET]: 2:22
Coordinates [UTM-ED50] Easting: 588728
Coordinates [UTM-ED50] Northing: 5684617
Water-Bottom Interface Siltpr. [m TAW]: -13.92
Waterdepth 210 kHz Echo [m TAW]: -13.58
Waterdepth 33 kHz Echo [m TAW]: -13.74
Surface Elevation [m TAW]: 2.23

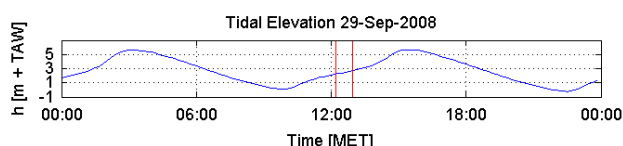
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.91	17.5	11.0	155
1.22	17.5	11.1	137
0.39	17.5	11.2	144
-0.47	17.5	11.1	142
-1.35	17.5	11.1	197
-2.22	17.5	11.2	233
-3.00	17.5	11.2	179
-3.79	17.5	11.3	385
-4.58	17.4	11.3	408
-5.32	17.5	11.3	332
-6.07	17.5	11.4	371
-6.84	17.4	11.4	351
-7.72	17.4	11.6	339
-8.60	17.4	11.9	368
-9.49	17.4	12.0	347
-10.35	17.4	12.0	300
-11.17	17.4	12.0	361
-11.97	17.4	12.1	220
-12.91	17.4	12.3	218
-13.75	17.3	12.7	88
-13.86	17.3	12.7	75
-13.92	17.2	12.8	86
Depth Avg			
17.5 11.6 261			



Siltprofiler

Date & Time [MET]: 29/9/2008 12:57
Time after/before HT [MET]: 3:07
Coordinates [UTM-ED50] Easting: 588761
Coordinates [UTM-ED50] Northing: 5684655
Water-Bottom Interface Siltpr. [m TAW]: -14.41
Waterdepth 210 kHz Echo [m TAW]: -13.80
Waterdepth 33 kHz Echo [m TAW]: -13.86
Surface Elevation [m TAW]: 2.72

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.43	17.8	11.6	69
1.54	17.8	11.6	60
0.71	17.8	11.6	59
-0.13	17.8	11.7	63
-0.97	17.9	11.7	67
-1.83	17.9	11.8	63
-2.64	17.9	11.9	64
-3.45	17.9	11.8	60
-4.26	17.9	11.8	58
-5.09	17.9	11.8	53
-5.93	17.9	11.8	57
-6.74	17.9	11.8	59
-7.48	18.0	11.8	68
-8.29	18.0	12.0	89
-9.10	17.9	12.0	101
-9.93	17.9	12.0	107
-10.72	17.9	12.0	138
-11.46	17.8	12.0	154
-12.27	17.8	12.1	138
-13.08	17.8	12.1	134
-13.86	17.7	12.2	137
-14.34	17.7	12.4	124
-14.41	17.6	12.4	121
Depth Avg			
17.9 11.9 85			



Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

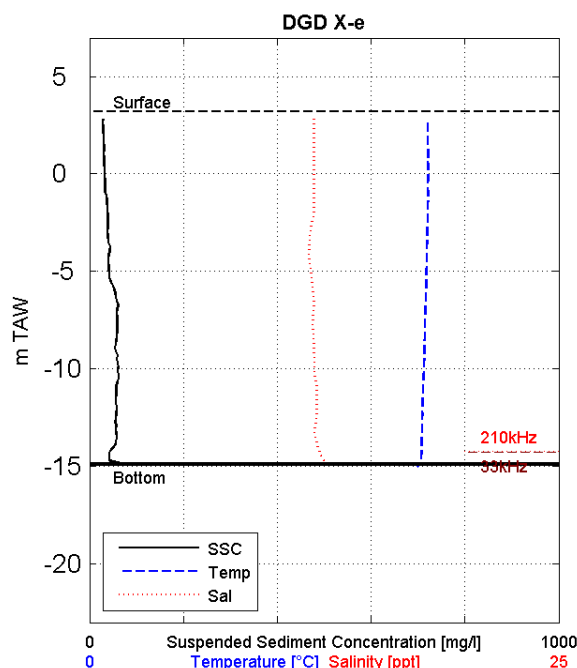
SiltProfiler & CTD-Diver

Sourcefile(s):

8225 Xe_ctd.sil
8240 Xe_ctd.sil

Location:

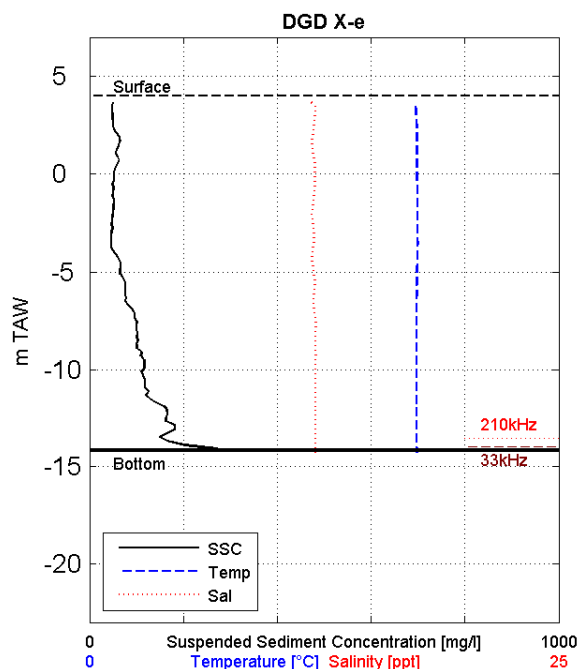
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:35
Time after/before HT [MET]: 3:45
Coordinates [UTM-ED50] Easting: 588765
Coordinates [UTM-ED50] Northing: 5684644
Water-Bottom Interface Siltpr. [m TAW]: -14.88
Waterdepth 210 kHz Echo [m TAW]: -14.21
Waterdepth 33 kHz Echo [m TAW]: -14.30
Surface Elevation [m TAW]: 3.21

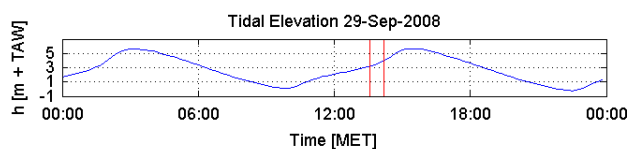
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.86	18.0	11.9	28
2.00	18.0	11.9	28
1.11	18.0	11.9	30
0.21	18.0	11.9	31
-0.53	18.0	11.9	32
-1.34	18.0	11.9	37
-2.18	18.0	11.9	40
-3.07	18.0	11.7	39
-3.98	17.9	11.7	43
-4.84	17.9	11.8	43
-5.65	17.9	11.9	50
-6.50	17.9	11.9	58
-7.34	17.9	11.9	58
-8.18	17.9	11.9	56
-9.06	17.8	11.9	56
-9.87	17.8	11.9	60
-10.59	17.8	12.0	59
-11.32	17.7	12.1	56
-12.19	17.7	12.1	57
-13.05	17.7	12.0	54
-13.80	17.7	12.1	55
-14.57	17.6	12.4	43
-14.88	17.6	12.6	261
Depth Avg	17.9	11.9	46



Siltprofiler

Date & Time [MET]: 29/9/2008 14:12
Time after/before HT [MET]: 4:22
Coordinates [UTM-ED50] Easting: 588744
Coordinates [UTM-ED50] Northing: 5684621
Water-Bottom Interface Siltpr. [m TAW]: -14.18
Waterdepth 210 kHz Echo [m TAW]: -13.54
Waterdepth 33 kHz Echo [m TAW]: -13.99
Surface Elevation [m TAW]: 4.00

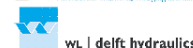
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.68	17.3	11.7	49
2.80	17.4	12.0	48
1.89	17.4	11.9	63
1.01	17.4	11.9	52
0.14	17.4	12.0	52
-0.82	17.4	12.0	52
-1.68	17.4	11.9	51
-2.46	17.4	11.9	46
-3.25	17.4	12.0	45
-4.08	17.5	11.9	55
-4.85	17.4	11.9	65
-5.71	17.4	12.0	74
-6.44	17.4	11.9	76
-7.21	17.4	12.0	95
-8.04	17.4	12.0	100
-8.87	17.4	12.0	99
-9.69	17.4	12.0	117
-10.45	17.4	12.0	119
-11.29	17.4	12.0	117
-12.15	17.4	12.0	163
-12.96	17.4	12.0	195
-13.82	17.4	12.0	177
-14.18	17.4	12.0	300
Depth Avg	17.4	12.0	86



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

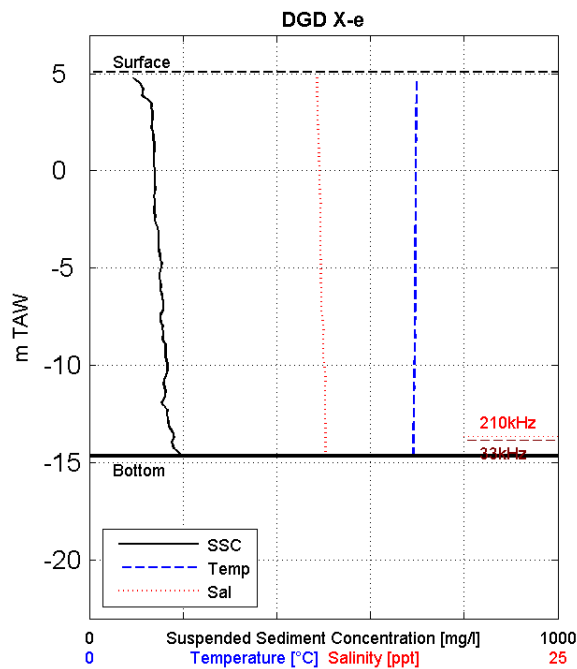
Sourcefile(s):

8255 Xe_ctd.sil

8270 Xe_ctd.sil

Location:

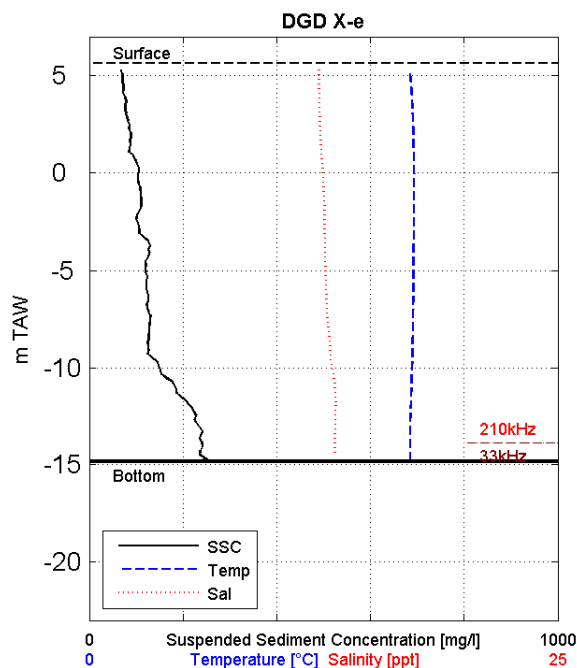
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 14:46
 Time after/before HT [MET]: 4:56
 Coordinates [UTM-ED50] Easting: 588751
 Coordinates [UTM-ED50] Northing: 5684621
 Water-Bottom Interface Siltpr. [m TAW]: -14.68
 Waterdepth 210 kHz Echo [m TAW]: -13.64
 Waterdepth 33 kHz Echo [m TAW]: -13.82
 Surface Elevation [m TAW]: 5.11

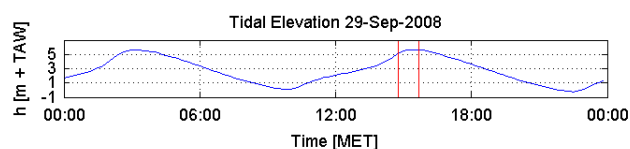
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.81	17.4	12.2	94
3.78	17.4	12.1	121
2.74	17.4	12.2	134
1.67	17.4	12.2	137
0.75	17.4	12.2	138
-0.23	17.4	12.3	137
-1.21	17.4	12.3	138
-2.25	17.4	12.4	141
-3.30	17.4	12.3	147
-4.38	17.4	12.3	149
-5.34	17.4	12.3	147
-6.30	17.3	12.3	157
-7.33	17.4	12.4	153
-8.34	17.4	12.5	159
-9.28	17.3	12.4	162
-10.26	17.3	12.6	167
-11.16	17.3	12.6	159
-12.13	17.3	12.6	160
-13.04	17.3	12.6	166
-13.97	17.3	12.6	175
-14.60	17.3	NaN	205
-14.66	17.3	NaN	207
-14.68	17.3	NaN	195
Depth Avg		17.4	12.4
		12.4	148



Siltprofiler

Date & Time [MET]: 29/9/2008 15:40
 Time after/before HT [MET]: 5:50
 Coordinates [UTM-ED50] Easting: 588741
 Coordinates [UTM-ED50] Northing: 5684625
 Water-Bottom Interface Siltpr. [m TAW]: -14.88
 Waterdepth 210 kHz Echo [m TAW]: -13.90
 Waterdepth 33 kHz Echo [m TAW]: -13.89
 Surface Elevation [m TAW]: 5.64

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.35	17.1	12.2	69
4.16	17.2	12.3	73
2.99	17.3	12.3	79
1.93	17.3	12.3	91
0.89	17.3	12.4	95
-0.06	17.4	12.4	104
-1.17	17.3	12.5	109
-2.33	17.3	12.6	101
-3.33	17.3	12.6	118
-4.37	17.3	12.6	120
-5.40	17.3	12.6	123
-6.42	17.3	12.6	126
-7.39	17.3	12.7	132
-8.37	17.3	12.8	126
-9.35	17.2	12.9	126
-10.31	17.2	13.0	151
-11.25	17.1	13.1	186
-12.11	17.1	13.1	219
-13.04	17.1	13.1	233
-14.05	17.1	13.1	242
-14.78	17.1	NaN	246
-14.81	17.1	NaN	391
-14.88	17.1	NaN	348
Depth Avg		17.2	12.6
		12.6	131



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

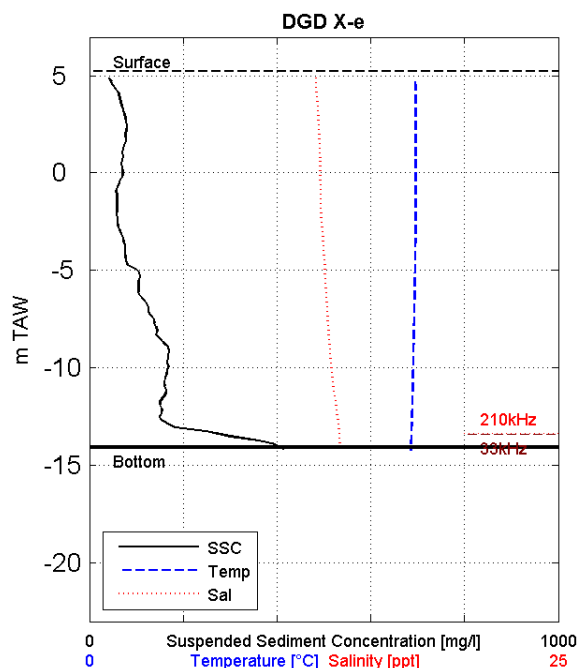
SiltProfiler & CTD-Diver

Sourcefile(s):

8285 Xe_ctd.sil
8315 Xe_ctd.sil

Location:

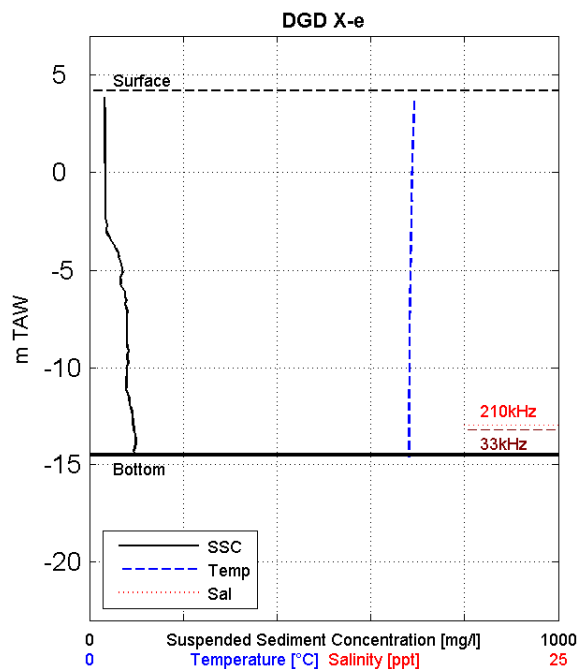
Deurganckdok



Siltprofiler
Date & Time [MET]: 29/9/2008 16:19
Time after/before HT [MET]: 6:29
Coordinates [UTM-ED50] Easting: 588730
Coordinates [UTM-ED50] Northing: 5684650
Water-Bottom Interface Siltpr. [m TAW]: -14.08
Waterdepth 210 kHz Echo [m TAW]: -13.36
Waterdepth 33 kHz Echo [m TAW]: -13.41
Surface Elevation [m TAW]: 5.24

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.94	17.4	12.1	41
4.15	17.4	12.1	62
3.32	17.4	12.2	70
2.53	17.4	12.2	80
1.67	17.4	12.3	79
0.76	17.4	12.3	69
-0.07	17.4	12.3	70
-0.94	17.4	12.3	56
-1.80	17.4	12.3	58
-2.77	17.4	12.4	62
-3.69	17.4	12.5	73
-4.50	17.4	12.5	79
-5.43	17.3	12.6	107
-6.34	17.3	12.6	109
-7.27	17.3	12.7	128
-8.21	17.3	12.7	141
-9.19	17.2	12.8	170
-10.22	17.3	12.9	163
-11.18	17.2	13.0	164
-12.12	17.2	13.2	158
-13.05	17.1	13.3	175
-14.01	17.1	13.4	409
-14.08	17.1	13.4	446

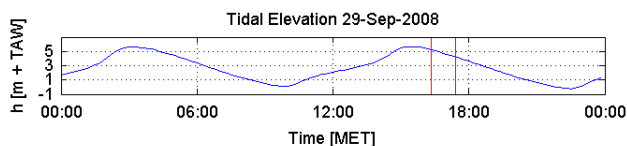
Depth Avg 17.3 12.6 112



Siltprofiler
Date & Time [MET]: 29/9/2008 17:25
Time after/before HT [MET]: 7:35
Coordinates [UTM-ED50] Easting: 588712
Coordinates [UTM-ED50] Northing: 5684624
Water-Bottom Interface Siltpr. [m TAW]: -14.53
Waterdepth 210 kHz Echo [m TAW]: -13.00
Waterdepth 33 kHz Echo [m TAW]: -13.26
Surface Elevation [m TAW]: 4.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.90	17.3	NaN	31
2.96	17.3	NaN	32
2.00	17.3	NaN	33
1.07	17.2	NaN	33
0.28	17.2	NaN	32
-0.68	17.2	NaN	32
-1.53	17.1	NaN	33
-2.34	17.1	NaN	34
-3.14	17.1	NaN	37
-4.00	17.1	NaN	59
-4.88	17.1	NaN	67
-5.79	17.1	NaN	66
-6.69	17.1	NaN	77
-7.56	17.1	NaN	80
-8.49	17.0	NaN	79
-9.37	17.0	NaN	80
-10.28	17.1	NaN	79
-11.14	17.0	NaN	77
-12.03	17.1	NaN	88
-12.96	17.0	NaN	92
-13.85	17.0	NaN	101
-14.51	17.0	NaN	99
-14.53	17.0	NaN	97

Depth Avg 17.1 NaN 60



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

F.6 Location Ya

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

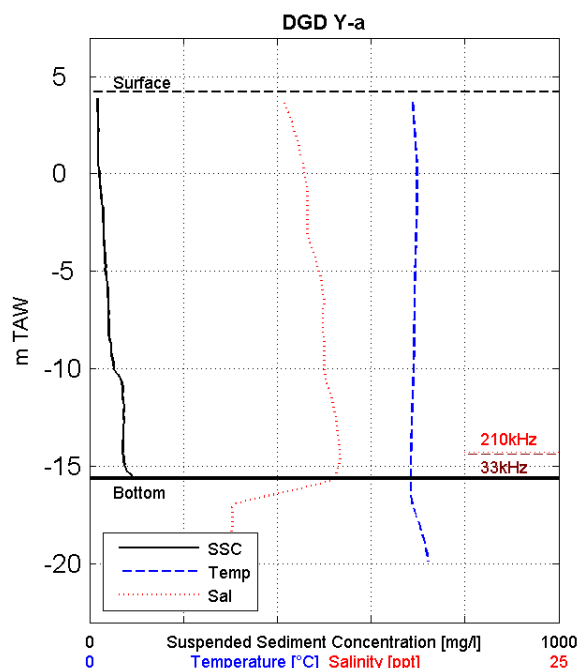
Sourcefile(s):

8009 Ya_ctd.sil

8024 Ya_ctd.sil

Location:

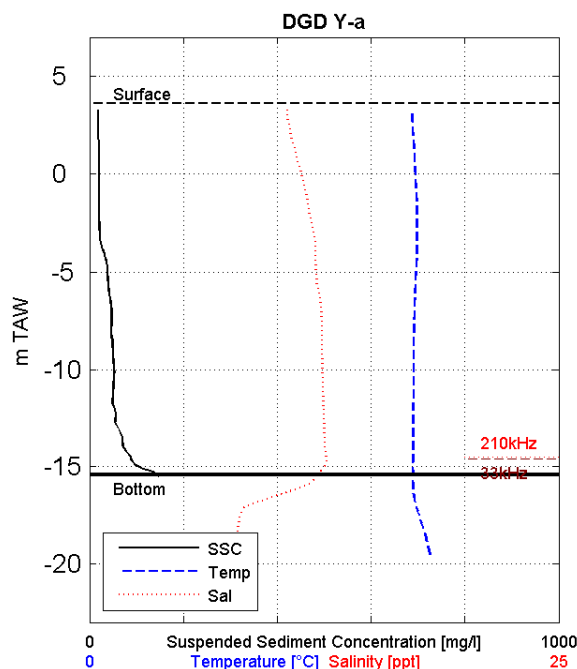
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:10
 Time after/before HT [MET]: 2:00
 Coordinates [UTM-ED50] Easting: 588597
 Coordinates [UTM-ED50] Northing: 5684242
 Water-Bottom Interface Siltpr. [m TAW]: -15.63
 Waterdepth 210 kHz Echo [m TAW]: -14.28
 Waterdepth 33 kHz Echo [m TAW]: -14.36
 Surface Elevation [m TAW]: 4.23

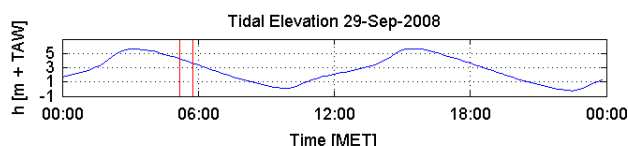
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.93	17.2	NaN	16
2.73	17.3	10.8	16
1.58	17.4	11.1	18
0.34	17.4	11.4	20
-0.91	17.4	11.6	24
-2.08	17.4	11.6	28
-3.14	17.4	11.6	31
-4.25	17.3	12.0	33
-5.52	17.3	12.3	39
-6.80	17.3	12.5	38
-8.04	17.3	12.5	42
-9.22	17.3	12.5	47
-9.63	17.2	12.5	47
-9.66	17.3	12.5	48
-9.81	17.3	12.5	52
-10.02	17.3	12.5	49
-10.34	17.3	12.6	62
-11.10	17.2	12.8	72
-12.16	17.2	13.0	72
-13.27	17.1	13.2	72
-14.32	17.1	13.3	70
-15.40	17.1	13.1	85
-15.63	17.1	13.0	104
Depth Avg			
17.3			
12.1			
42			



Siltprofiler

Date & Time [MET]: 29/9/2008 05:46
 Time after/before HT [MET]: 2:36
 Coordinates [UTM-ED50] Easting: 588588
 Coordinates [UTM-ED50] Northing: 5684214
 Water-Bottom Interface Siltpr. [m TAW]: -15.46
 Waterdepth 210 kHz Echo [m TAW]: -14.53
 Waterdepth 33 kHz Echo [m TAW]: -14.62
 Surface Elevation [m TAW]: 3.61

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.31	17.1	10.5	17
2.35	17.2	10.6	18
1.47	17.3	10.9	21
0.56	17.3	11.1	16
-0.47	17.4	11.4	18
-1.34	17.4	11.6	17
-2.24	17.4	11.8	21
-3.17	17.4	12.0	19
-4.08	17.4	12.0	28
-4.94	17.4	12.1	38
-5.80	17.3	12.2	38
-6.76	17.3	12.3	45
-7.67	17.3	12.4	45
-8.53	17.3	12.4	48
-9.40	17.2	12.4	51
-10.21	17.3	12.4	51
-11.07	17.2	12.4	51
-11.87	17.2	12.4	52
-12.71	17.2	12.5	55
-13.52	17.2	12.5	67
-14.36	17.3	12.6	82
-15.25	17.2	12.3	134
-15.46	17.2	12.1	147
Depth Avg			
17.3			
11.9			
41			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

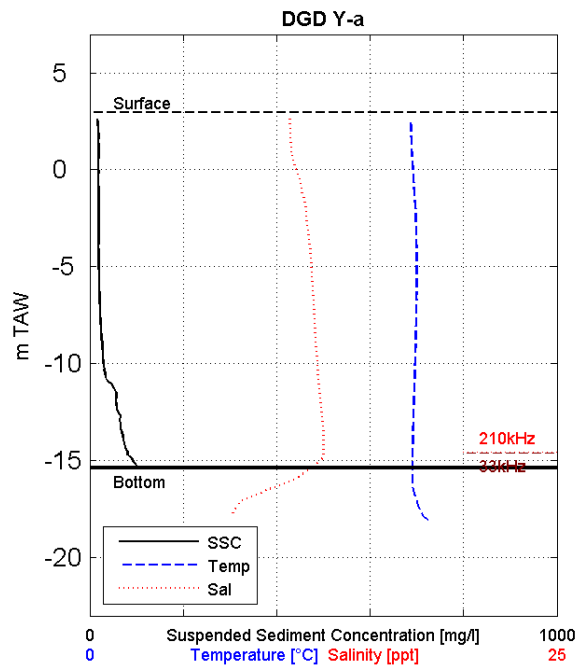
Sourcefile(s):

8039 Ya_ctd.sil

8055 Ya_ctd.sil

Location:

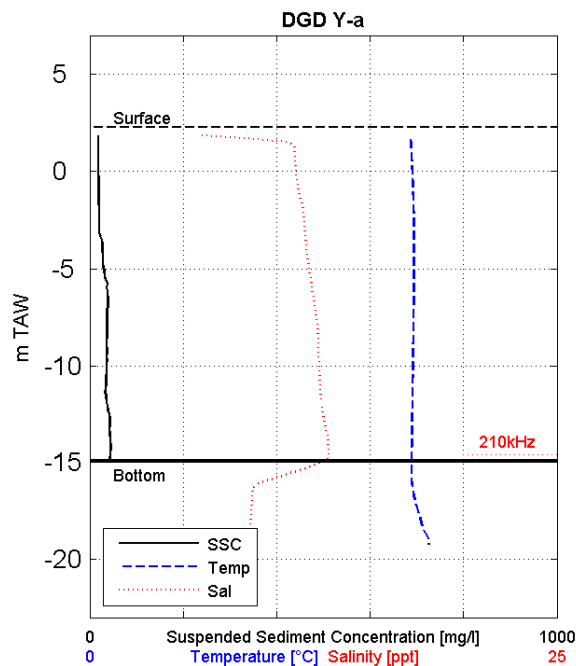
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:20
 Time after/before HT [MET]: 3:10
 Coordinates [UTM-ED50] Easting: 588615
 Coordinates [UTM-ED50] Northing: 5684206
 Water-Bottom Interface Siltpr. [m TAW]: -15.38
 Waterdepth 210 kHz Echo [m TAW]: -14.54
 Waterdepth 33 kHz Echo [m TAW]: -14.59
 Surface Elevation [m TAW]: 2.99

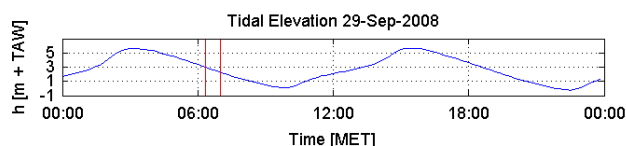
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.67	17.2	10.7	16
1.69	17.2	10.7	19
0.75	17.2	10.8	17
-0.16	17.3	11.1	18
-0.92	17.3	11.3	19
-1.86	17.4	11.5	19
-2.86	17.4	11.6	17
-3.62	17.5	11.7	18
-4.44	17.5	11.8	19
-5.29	17.5	11.9	19
-6.18	17.5	11.9	20
-7.04	17.5	12.0	21
-7.90	17.4	12.0	23
-8.71	17.4	12.1	25
-9.55	17.4	12.1	28
-10.33	17.4	12.2	31
-11.10	17.4	12.2	49
-11.88	17.3	12.3	56
-12.64	17.3	12.4	66
-13.48	17.3	12.5	69
-14.24	17.3	12.5	75
-15.01	17.3	12.3	92
-15.38	17.2	11.8	431
Depth Avg			
	17.4	11.8	32



Siltprofiler

Date & Time [MET]: 29/9/2008 07:00
 Time after/before HT [MET]: 3:50
 Coordinates [UTM-ED50] Easting: 588598
 Coordinates [UTM-ED50] Northing: 5684240
 Water-Bottom Interface Siltpr. [m TAW]: -14.96
 Waterdepth 210 kHz Echo [m TAW]: -14.63
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.90	17.1	5.3	18
1.10	17.2	10.9	14
0.34	17.2	11.0	17
-0.39	17.3	11.1	17
-1.16	17.3	11.2	21
-1.84	17.3	11.4	21
-2.61	17.3	11.5	21
-3.42	17.4	11.5	25
-4.28	17.3	11.6	27
-5.08	17.3	11.7	30
-5.92	17.4	11.9	35
-6.76	17.3	12.0	41
-7.67	17.3	12.1	37
-8.46	17.3	12.2	37
-9.17	17.3	12.2	36
-9.96	17.3	12.3	35
-10.72	17.3	12.3	37
-11.50	17.3	12.4	36
-12.33	17.3	12.4	38
-13.07	17.2	12.6	45
-13.86	17.2	12.7	43
-14.62	17.2	12.8	42
-14.96	17.2	12.6	44
Depth Avg			
	17.3	11.7	30



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

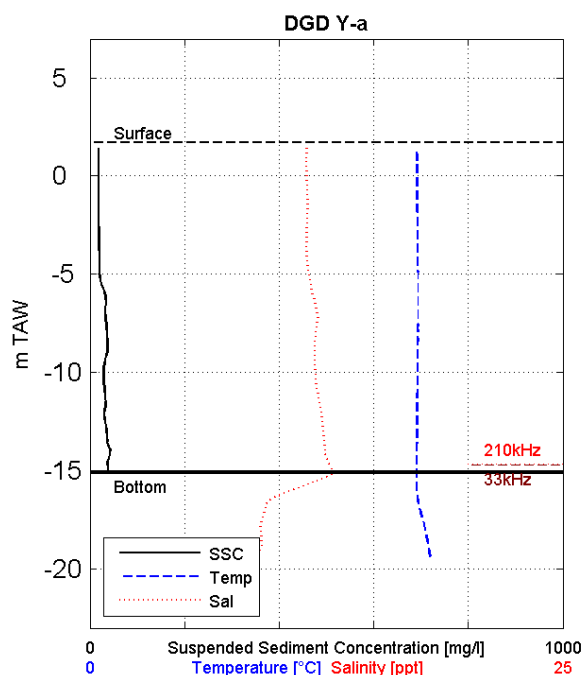
Sourcefile(s):

8070 Ya_ctd.sil

8085 Ya_ctd.sil

Location:

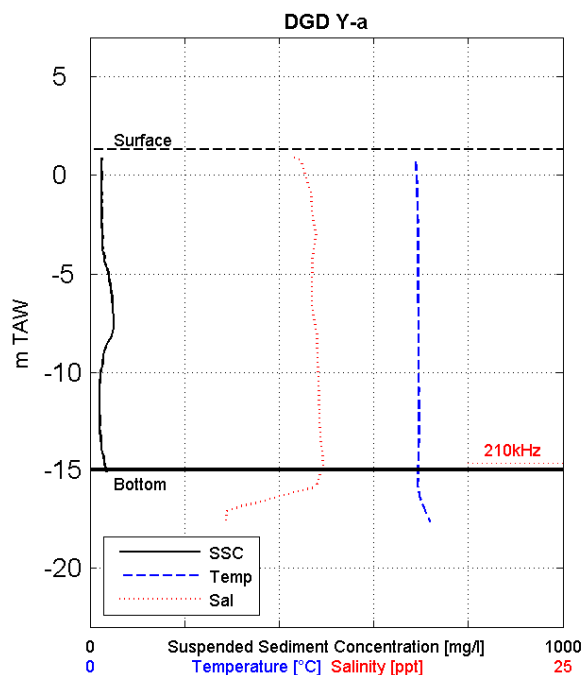
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:31
 Time after/before HT [MET]: 4:21
 Coordinates [UTM-ED50] Easting: 588595
 Coordinates [UTM-ED50] Northing: 5684238
 Water-Bottom Interface Siltpr. [m TAW]: -15.09
 Waterdepth 210 kHz Echo [m TAW]: -14.64
 Waterdepth 33 kHz Echo [m TAW]: -14.72
 Surface Elevation [m TAW]: 1.73

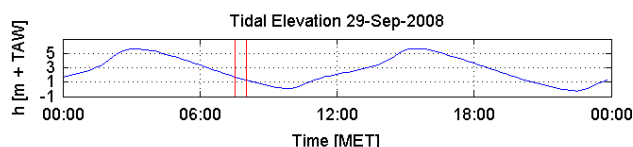
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.45	17.2	11.4	18
0.64	17.3	11.4	14
-0.21	17.3	11.4	18
-0.98	17.3	11.5	17
-1.72	17.3	11.5	17
-2.46	17.3	11.5	18
-3.31	17.3	11.4	19
-4.07	17.3	11.4	17
-4.77	17.3	11.5	19
-5.52	17.3	11.7	24
-6.36	17.3	11.9	34
-7.20	17.4	12.0	32
-8.03	17.3	11.9	34
-8.82	17.3	11.9	36
-9.61	17.3	11.9	30
-10.36	17.3	11.9	28
-11.13	17.3	12.0	30
-11.89	17.3	12.2	30
-12.67	17.3	12.3	32
-13.41	17.3	12.4	35
-14.13	17.3	12.4	40
-14.86	17.3	12.7	37
-15.09	17.2	12.8	9601
Depth Avg			
17.3			
11.8			
36			



Siltprofiler

Date & Time [MET]: 29/9/2008 08:01
 Time after/before HT [MET]: 4:51
 Coordinates [UTM-ED50] Easting: 588604
 Coordinates [UTM-ED50] Northing: 5684191
 Water-Bottom Interface Siltpr. [m TAW]: -15.02
 Waterdepth 210 kHz Echo [m TAW]: -14.70
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.29

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.99	17.2	9.4	25
0.34	17.3	11.3	24
-0.31	17.3	11.5	24
-0.93	17.3	11.7	23
-1.72	17.3	11.7	23
-2.55	17.3	11.9	24
-3.34	17.3	11.9	26
-4.20	17.3	11.7	31
-5.04	17.3	11.7	40
-5.87	17.4	11.7	43
-6.59	17.3	11.7	47
-7.34	17.3	11.9	49
-7.96	17.3	12.0	45
-8.57	17.3	12.0	34
-9.21	17.3	12.0	27
-9.86	17.3	12.0	23
-10.61	17.4	12.1	20
-11.35	17.4	12.1	19
-12.16	17.4	12.1	21
-13.02	17.4	12.2	19
-13.79	17.4	12.2	23
-14.55	17.3	12.3	28
-15.02	17.3	12.2	35
Depth Avg			
17.3			
11.9			
29			



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

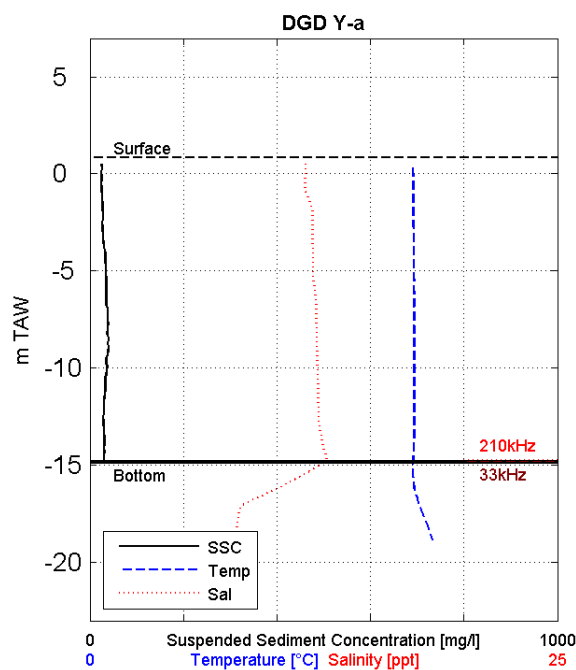
SiltProfiler & CTD-Diver

Sourcefile(s):

8100 Ya_ctd.sil
8120 Ya_ctd.sil

Location:

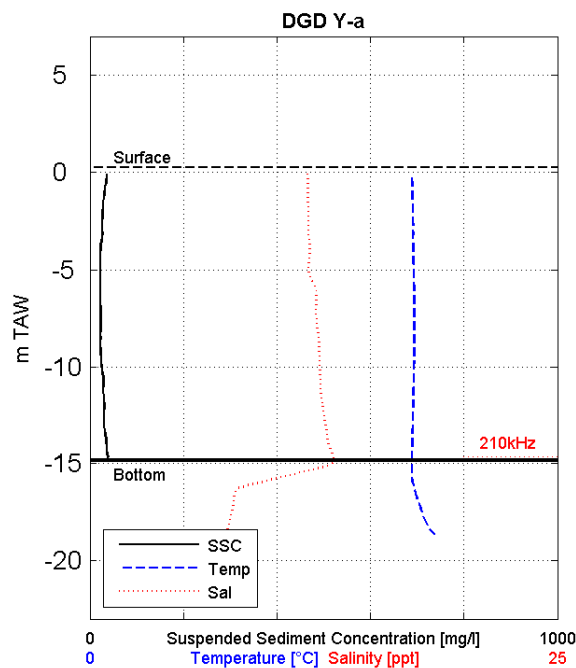
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 08:30
Time after/before HT [MET]: 5:20
Coordinates [UTM-ED50] Easting: 588591
Coordinates [UTM-ED50] Northing: 5684203
Water-Bottom Interface Siltpr. [m TAW]: -14.83
Waterdepth 210 kHz Echo [m TAW]: -14.69
Waterdepth 33 kHz Echo [m TAW]: -14.79
Surface Elevation [m TAW]: 0.87

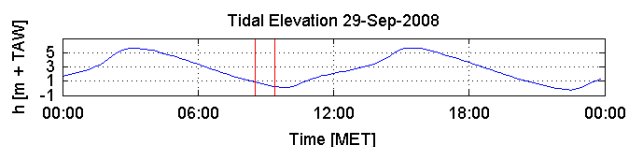
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.58	17.3	NaN	24
-0.19	17.3	11.5	24
-0.94	17.3	11.6	24
-1.59	17.3	11.8	27
-2.35	17.3	11.9	27
-3.06	17.3	11.9	27
-3.77	17.3	11.9	30
-4.44	17.3	11.9	32
-5.22	17.3	11.9	34
-6.01	17.3	12.0	34
-6.77	17.3	12.1	35
-7.49	17.3	12.1	39
-8.25	17.3	12.1	36
-9.00	17.3	12.1	39
-9.69	17.3	12.1	35
-10.34	17.3	12.2	35
-10.97	17.3	12.2	34
-11.69	17.4	12.2	30
-12.37	17.3	12.2	28
-13.02	17.3	12.3	29
-13.77	17.3	12.4	30
-14.51	17.3	12.6	30
-14.83	17.3	12.6	31
Depth Avg	17.3	12.0	31



Siltprofiler

Date & Time [MET]: 29/9/2008 09:24
Time after/before HT [MET]: 6:14
Coordinates [UTM-ED50] Easting: 588594
Coordinates [UTM-ED50] Northing: 5684215
Water-Bottom Interface Siltpr. [m TAW]: -14.87
Waterdepth 210 kHz Echo [m TAW]: -14.67
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 0.27

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.02	17.2	11.6	35
-0.62	17.2	11.6	33
-1.33	17.3	11.7	28
-2.04	17.3	11.7	27
-2.73	17.3	11.6	24
-3.44	17.3	11.7	25
-4.13	17.3	11.7	22
-4.81	17.3	11.7	21
-5.43	17.3	11.8	21
-6.10	17.3	12.1	21
-6.81	17.3	12.1	23
-7.47	17.3	12.1	21
-8.18	17.3	12.2	22
-8.90	17.3	12.2	23
-9.58	17.3	12.3	23
-10.29	17.3	12.3	27
-10.94	17.3	12.3	28
-11.65	17.3	12.4	30
-12.34	17.3	12.5	29
-13.07	17.2	12.6	29
-13.79	17.2	12.7	35
-14.53	17.2	12.9	36
-14.87	17.2	13.1	40
Depth Avg	17.3	12.1	27



Data Processed by:



In association with:



wt | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

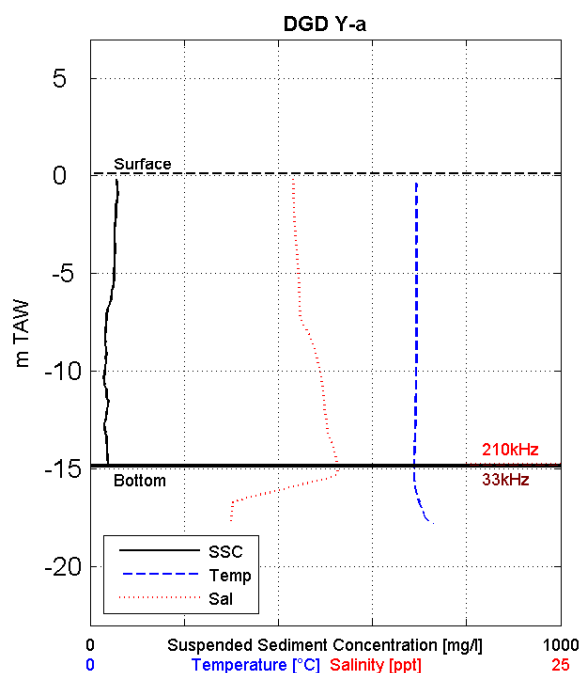
Sourcefile(s):

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8150 Ya_ctd.sil

Location:

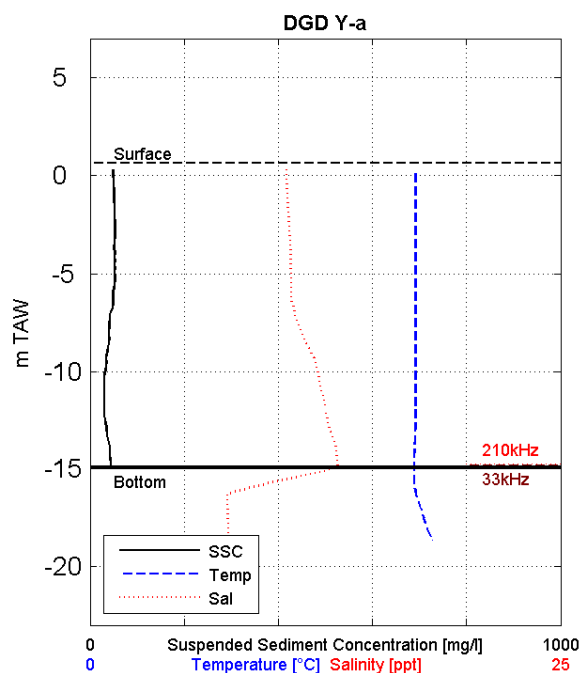
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:00
 Time after/before HT [MET]: 0:10
 Coordinates [UTM-ED50] Easting: 588612
 Coordinates [UTM-ED50] Northing: 5684200
 Water-Bottom Interface Siltpr. [m TAW]: -14.86
 Waterdepth 210 kHz Echo [m TAW]: -14.71
 Waterdepth 33 kHz Echo [m TAW]: -14.81
 Surface Elevation [m TAW]: 0.12

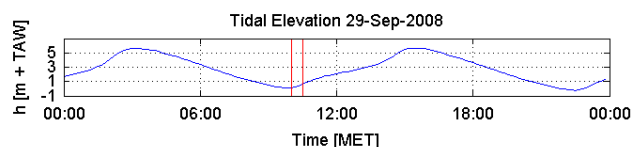
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.18	17.3	10.8	55
-0.94	17.3	10.8	58
-1.66	17.3	10.8	55
-2.35	17.3	10.9	54
-3.04	17.3	10.9	52
-3.69	17.3	10.9	54
-4.41	17.3	11.0	50
-5.07	17.3	11.1	52
-5.73	17.4	11.1	49
-6.33	17.3	11.1	45
-7.01	17.3	11.1	35
-7.72	17.3	11.4	35
-8.49	17.3	11.8	33
-9.23	17.3	12.0	34
-9.96	17.3	12.2	31
-10.70	17.3	12.3	32
-11.41	17.3	12.4	37
-12.17	17.3	12.5	32
-12.86	17.3	12.6	29
-13.53	17.2	12.8	35
-14.14	17.2	13.0	35
-14.78	17.2	13.1	37
-14.86	17.2	13.1	38
Depth Avg	17.3	11.6	42



Siltprofiler

Date & Time [MET]: 29/9/2008 10:30
 Time after/before HT [MET]: 0:40
 Coordinates [UTM-ED50] Easting: 588603
 Coordinates [UTM-ED50] Northing: 5684200
 Water-Bottom Interface Siltpr. [m TAW]: -14.96
 Waterdepth 210 kHz Echo [m TAW]: -14.75
 Waterdepth 33 kHz Echo [m TAW]: -14.84
 Surface Elevation [m TAW]: 0.63

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.35	17.3	10.4	49
-0.46	17.3	10.4	50
-1.19	17.3	10.5	52
-1.96	17.3	10.5	52
-2.57	17.3	10.6	51
-3.19	17.3	10.6	53
-3.82	17.3	10.6	52
-4.48	17.3	10.7	52
-5.12	17.3	10.7	54
-5.81	17.3	10.7	49
-6.55	17.3	10.8	49
-7.29	17.3	10.9	41
-8.08	17.3	11.3	38
-8.91	17.3	11.7	36
-9.64	17.3	12.0	34
-10.38	17.3	12.2	29
-11.14	17.3	12.3	28
-11.83	17.3	12.5	30
-12.54	17.3	12.6	32
-13.26	17.3	12.8	35
-14.04	17.2	13.1	41
-14.81	17.2	13.2	44
-14.96	17.2	13.0	45
Depth Avg	17.3	11.4	43



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

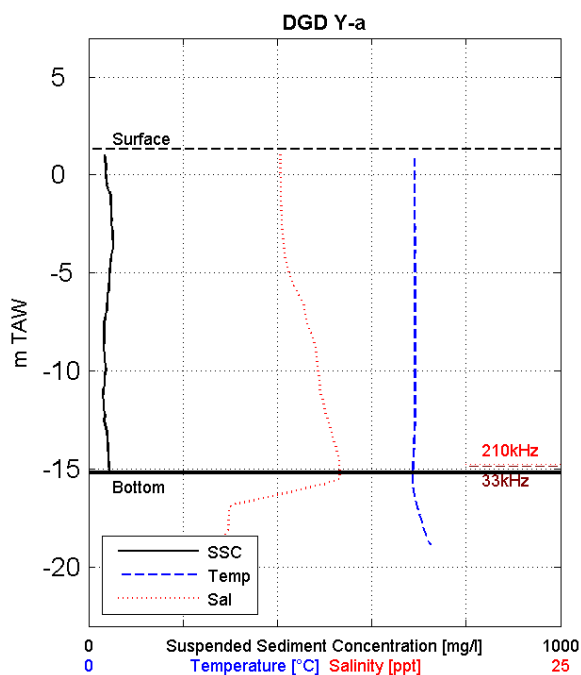
Sourcefile(s):

8165 Ya_ctd.sil

8180 Ya_ctd.sil

Location:

Deurganckdok

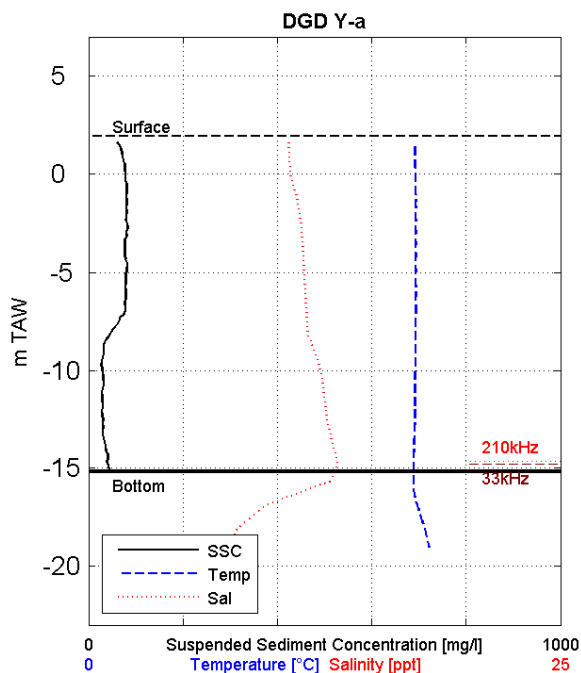


Siltprofiler

Date & Time [MET]: 29/9/2008 11:05
Time after/before HT [MET]: 1:15
Coordinates [UTM-ED50] Easting: 588595
Coordinates [UTM-ED50] Northing: 5684193
Water-Bottom Interface Siltpr. [m TAW]: -15.21
Waterdepth 210 kHz Echo [m TAW]: -14.75
Waterdepth 33 kHz Echo [m TAW]: -14.87
Surface Elevation [m TAW]: 1.36

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.06	17.3	10.1	33
0.25	17.2	10.1	36
-0.51	17.3	10.2	37
-1.24	17.3	10.2	47
-2.03	17.3	10.2	47
-2.84	17.3	10.3	49
-3.58	17.3	10.3	52
-4.27	17.3	10.4	46
-4.98	17.3	10.6	43
-5.70	17.3	10.9	43
-6.46	17.3	11.3	39
-7.31	17.3	11.5	34
-8.12	17.3	11.8	33
-8.89	17.3	12.0	31
-9.77	17.3	12.1	36
-10.56	17.3	12.2	32
-11.42	17.3	12.4	31
-12.20	17.3	12.6	34
-13.00	17.3	12.8	37
-13.71	17.2	13.0	40
-14.51	17.2	13.3	40
-15.21	17.1	13.3	44

Depth Avg 17.3 11.4 39

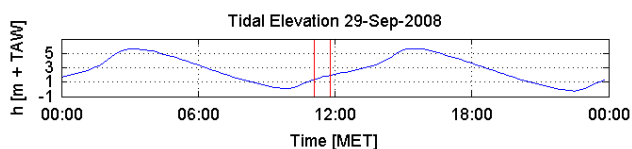


Siltprofiler

Date & Time [MET]: 29/9/2008 11:46
Time after/before HT [MET]: 1:56
Coordinates [UTM-ED50] Easting: 588607
Coordinates [UTM-ED50] Northing: 5684241
Water-Bottom Interface Siltpr. [m TAW]: -15.21
Waterdepth 210 kHz Echo [m TAW]: -14.66
Waterdepth 33 kHz Echo [m TAW]: -14.83
Surface Elevation [m TAW]: 1.94

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.62	17.3	10.6	60
0.83	17.3	10.6	72
-0.02	17.3	10.7	76
-0.89	17.3	10.9	80
-1.74	17.3	11.1	79
-2.66	17.3	11.3	82
-3.54	17.3	11.3	76
-4.38	17.3	11.4	79
-5.21	17.3	11.4	77
-5.95	17.3	11.5	79
-6.64	17.3	11.5	77
-7.37	17.3	11.5	63
-8.16	17.3	11.6	45
-8.93	17.3	11.9	32
-9.74	17.3	12.2	26
-10.55	17.3	12.4	30
-11.41	17.3	12.5	28
-12.22	17.3	12.6	26
-13.03	17.3	12.7	30
-13.81	17.2	12.9	33
-14.47	17.2	13.1	41
-15.14	17.2	13.0	45
-15.21	17.2	13.0	80

Depth Avg 17.3 11.7 58



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

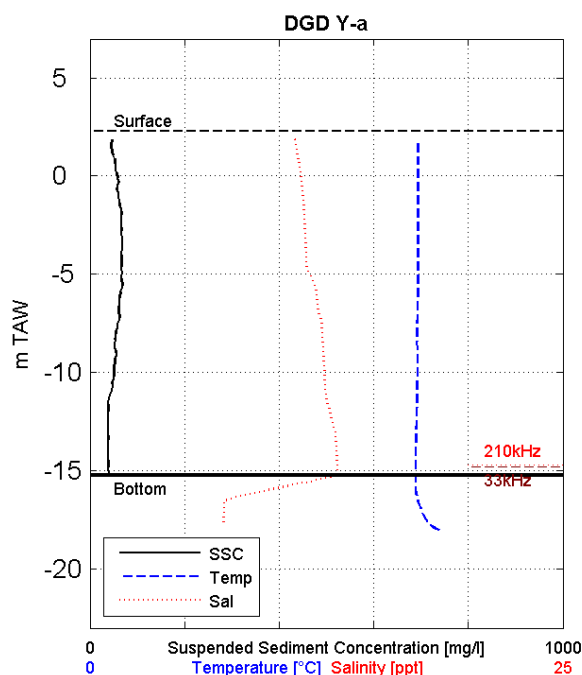
Sourcefile(s):

8195 Ya_ctd.sil

8215 Ya_ctd.sil

Location:

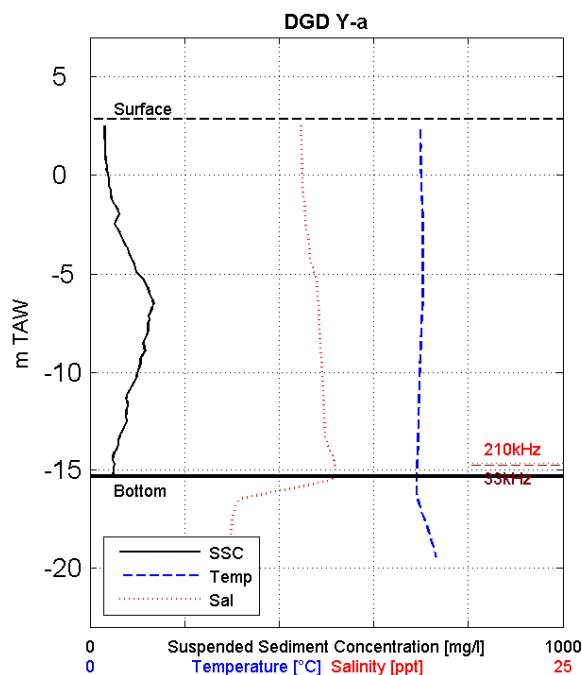
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:23
 Time after/before HT [MET]: 2:33
 Coordinates [UTM-ED50] Easting: 588605
 Coordinates [UTM-ED50] Northing: 5684203
 Water-Bottom Interface Siltpr. [m TAW]: -15.22
 Waterdepth 210 kHz Echo [m TAW]: -14.69
 Waterdepth 33 kHz Echo [m TAW]: -14.78
 Surface Elevation [m TAW]: 2.33

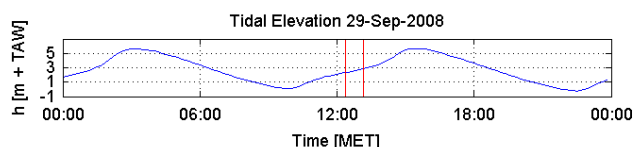
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.99	17.3	NaN	47
1.20	17.3	10.9	49
0.39	17.3	11.1	53
-0.42	17.3	11.2	58
-1.21	17.4	11.3	61
-1.94	17.3	11.3	66
-2.66	17.3	11.4	66
-3.35	17.4	11.4	65
-4.06	17.4	11.4	66
-4.82	17.3	11.5	68
-5.61	17.3	11.9	68
-6.37	17.3	12.0	63
-7.18	17.3	12.2	62
-8.06	17.3	12.3	55
-8.97	17.3	12.3	56
-9.86	17.3	12.4	49
-10.65	17.3	12.4	48
-11.55	17.3	12.6	39
-12.42	17.2	12.8	36
-13.18	17.2	13.0	37
-14.04	17.2	13.0	37
-14.85	17.2	13.1	36
-15.22	17.2	13.1	40
Depth Avg			
17.3			
11.9			
53			



Siltprofiler

Date & Time [MET]: 29/9/2008 13:09
 Time after/before HT [MET]: 3:19
 Coordinates [UTM-ED50] Easting: 588582
 Coordinates [UTM-ED50] Northing: 5684217
 Water-Bottom Interface Siltpr. [m TAW]: -15.34
 Waterdepth 210 kHz Echo [m TAW]: -14.65
 Waterdepth 33 kHz Echo [m TAW]: -14.76
 Surface Elevation [m TAW]: 2.87

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.58	17.4	11.1	31
1.79	17.4	11.2	31
1.03	17.4	11.2	32
0.27	17.5	11.2	34
-0.54	17.5	11.2	41
-1.31	17.5	11.3	47
-2.10	17.6	11.4	58
-2.98	17.6	11.5	63
-3.81	17.6	11.6	82
-4.63	17.6	11.7	94
-5.49	17.6	12.0	118
-6.35	17.6	12.0	133
-7.21	17.5	12.1	127
-7.99	17.5	12.1	124
-8.83	17.4	12.2	116
-9.72	17.4	12.2	106
-10.65	17.4	12.3	89
-11.60	17.4	12.3	81
-12.49	17.4	12.4	76
-13.32	17.3	12.4	60
-14.24	17.3	12.8	49
-15.10	17.3	13.0	49
-15.34	17.3	13.0	50
Depth Avg			
17.5			
11.9			
75			



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

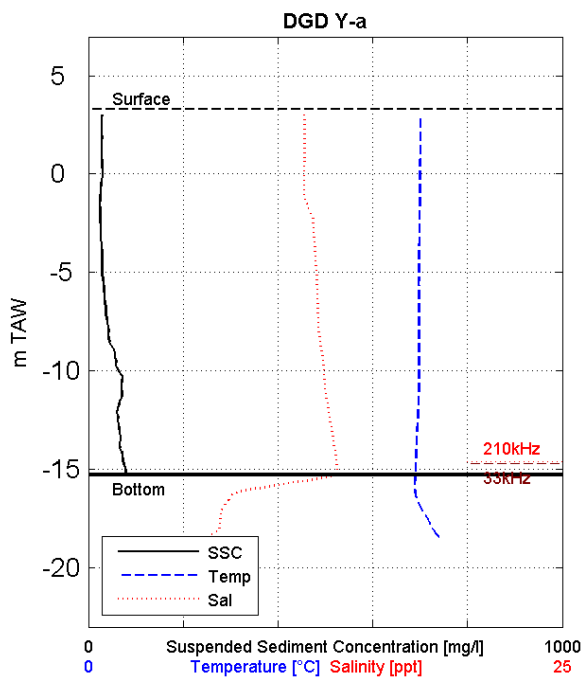
Sourcefile(s):

8230 Ya_ctd.sil

8245 Ya_ctd.sil

Location:

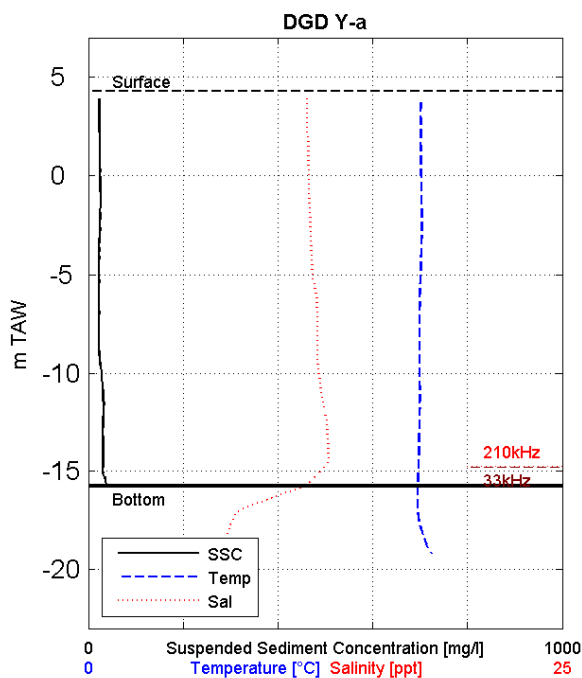
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:43
 Time after/before HT [MET]: 3:53
 Coordinates [UTM-ED50] Easting: 588596
 Coordinates [UTM-ED50] Northing: 5684225
 Water-Bottom Interface Siltpr. [m TAW]: -15.30
 Waterdepth 210 kHz Echo [m TAW]: -14.63
 Waterdepth 33 kHz Echo [m TAW]: -14.72
 Surface Elevation [m TAW]: 3.34

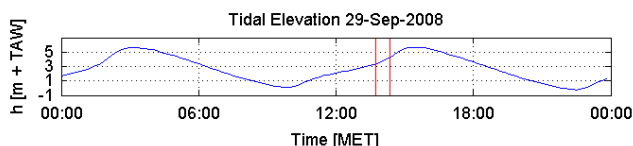
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.03	17.5	11.4	28
2.12	17.5	11.4	27
1.17	17.5	11.4	28
0.23	17.5	11.4	28
-0.65	17.5	11.4	26
-1.56	17.5	11.5	24
-2.42	17.4	11.8	26
-3.36	17.4	11.9	26
-4.26	17.4	12.0	30
-5.20	17.4	12.1	31
-5.99	17.4	12.1	34
-6.80	17.4	12.1	36
-7.68	17.4	12.1	41
-8.52	17.4	12.2	44
-9.35	17.4	12.3	58
-10.16	17.4	12.4	69
-10.97	17.4	12.5	69
-11.73	17.4	12.6	62
-12.55	17.4	12.7	60
-13.38	17.3	12.9	69
-14.20	17.3	13.0	71
-15.00	17.2	13.1	79
-15.30	17.2	13.1	77
Depth Avg	17.4	12.1	43



Siltprofiler

Date & Time [MET]: 29/9/2008 14:21
 Time after/before HT [MET]: 4:31
 Coordinates [UTM-ED50] Easting: 588587
 Coordinates [UTM-ED50] Northing: 5684208
 Water-Bottom Interface Siltpr. [m TAW]: -15.76
 Waterdepth 210 kHz Echo [m TAW]: -14.75
 Waterdepth 33 kHz Echo [m TAW]: -14.81
 Surface Elevation [m TAW]: 4.27

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.97	17.5	11.6	22
3.04	17.5	11.6	23
2.17	17.5	11.6	23
1.24	17.5	11.6	23
0.26	17.5	11.6	24
-0.72	17.5	11.6	25
-1.58	17.6	11.7	23
-2.44	17.6	11.7	24
-3.41	17.6	11.7	18
-4.38	17.5	11.8	22
-5.20	17.5	11.8	22
-6.06	17.4	12.0	22
-7.04	17.4	12.1	22
-8.02	17.4	12.1	21
-8.96	17.4	12.1	22
-9.74	17.4	12.1	27
-10.66	17.5	12.2	28
-11.63	17.5	12.4	31
-12.52	17.4	12.6	31
-13.40	17.4	12.6	31
-14.36	17.4	12.7	30
-15.30	17.4	11.9	34
-15.76	17.3	11.4	40
Depth Avg	17.5	12.0	25



Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

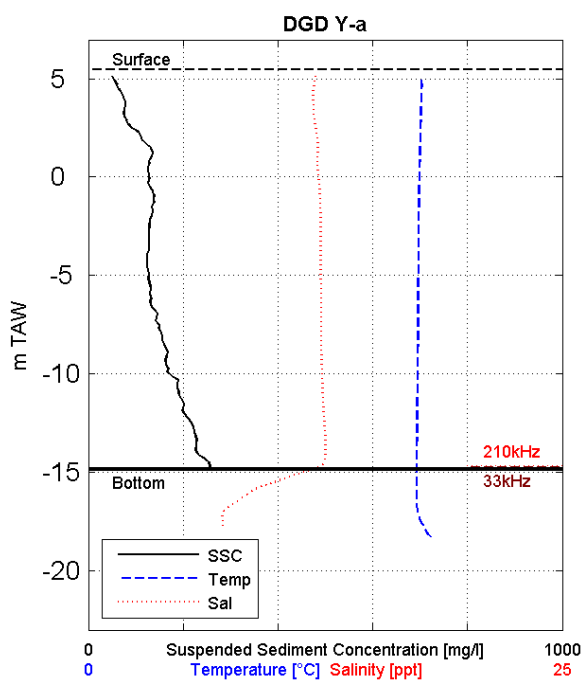
Sourcefile(s):

8260 Ya_ctd.sil

8275 Ya_ctd.sil

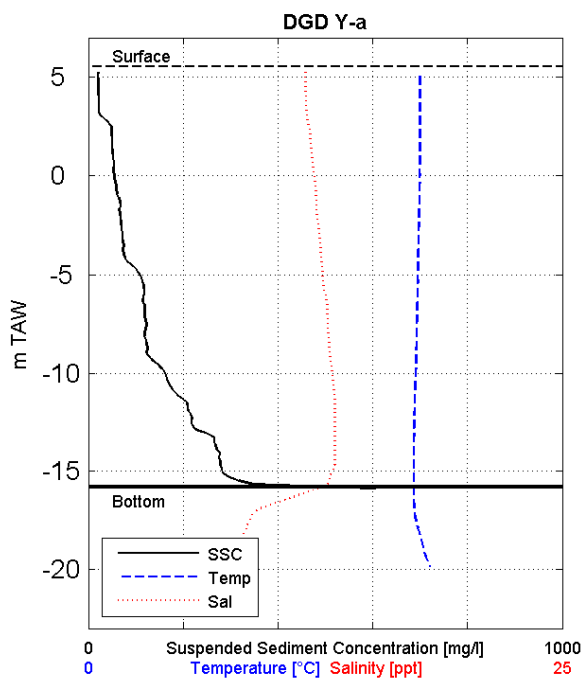
Location:

Deurganckdok



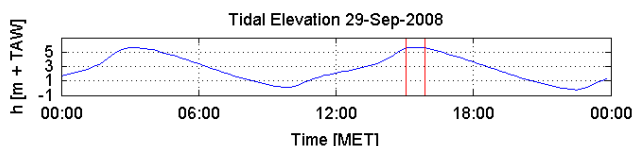
Siltprofiler
 Date & Time [MET]: 29/9/2008 15:04
 Time after/before HT [MET]: 5:14
 Coordinates [UTM-ED50] Easting: 588631
 Coordinates [UTM-ED50] Northing: 5684202
 Water-Bottom Interface Siltpr. [m TAW]: -14.83
 Waterdepth 210 kHz Echo [m TAW]: -14.64
 Waterdepth 33 kHz Echo [m TAW]: -14.72
 Surface Elevation [m TAW]: 5.50

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.18	17.6	12.0	48
4.19	17.6	11.8	73
3.26	17.5	11.9	76
2.30	17.5	12.0	106
1.35	17.5	12.1	134
0.43	17.5	12.1	124
-0.58	17.4	12.2	132
-1.75	17.4	12.2	135
-2.64	17.4	12.2	127
-3.57	17.4	12.2	127
-4.46	17.4	12.2	123
-5.41	17.4	12.2	128
-6.32	17.4	12.2	130
-7.24	17.4	12.2	142
-8.19	17.4	12.3	154
-9.05	17.4	12.3	166
-9.91	17.3	12.3	166
-10.95	17.3	12.3	191
-11.98	17.3	12.4	200
-12.91	17.3	12.5	222
-13.89	17.3	12.5	226
-14.83	17.3	11.8	257
-14.83	17.3	11.8	257
Depth Avg	17.4	12.2	144



Siltprofiler
 Date & Time [MET]: 29/9/2008 15:54
 Time after/before HT [MET]: 6:04
 Coordinates [UTM-ED50] Easting: 588572
 Coordinates [UTM-ED50] Northing: 5684237
 Water-Bottom Interface Siltpr. [m TAW]: -15.84
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 5.55

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.25	17.4	11.4	21
4.21	17.5	11.4	20
3.06	17.5	11.5	24
2.05	17.4	11.7	49
0.92	17.5	11.8	48
-0.14	17.5	11.9	54
-1.22	17.4	12.0	66
-2.25	17.4	12.1	69
-3.21	17.4	12.2	72
-4.15	17.4	12.3	78
-5.15	17.4	12.4	112
-6.09	17.4	12.5	116
-7.16	17.3	12.6	118
-8.13	17.3	12.7	115
-9.08	17.3	12.7	126
-10.01	17.3	12.9	162
-10.93	17.2	12.9	183
-11.89	17.2	13.0	210
-12.79	17.1	13.0	219
-13.70	17.1	13.0	269
-14.64	17.1	13.0	281
-15.57	17.1	12.6	320
-15.84	17.2	12.2	910
Depth Avg	17.3	12.3	121



Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

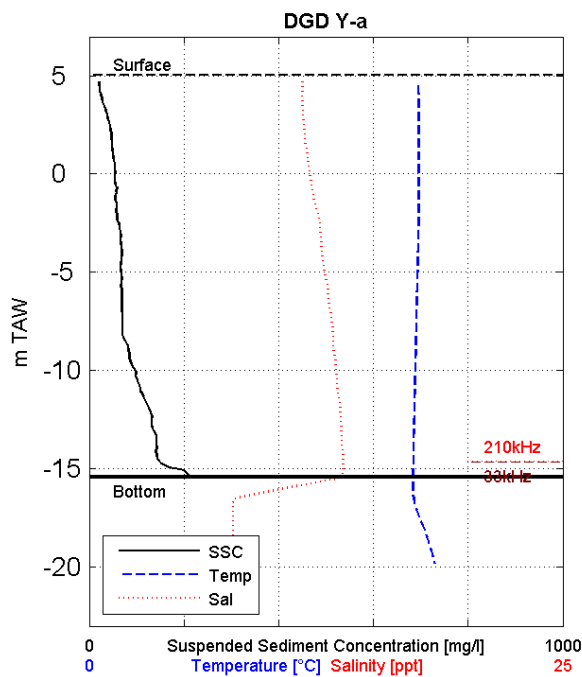
Sourcefile(s):

8290 Ya_ctd.sil

8305 Ya_ctd.sil

Location:

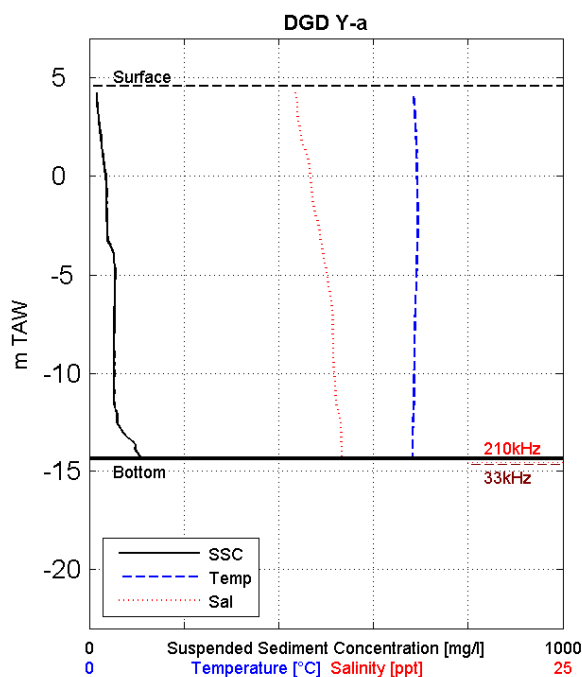
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:30
 Time after/before HT [MET]: 6:40
 Coordinates [UTM-ED50] Easting: 588577
 Coordinates [UTM-ED50] Northing: 5684215
 Water-Bottom Interface Siltpr. [m TAW]: -15.43
 Waterdepth 210 kHz Echo [m TAW]: -14.60
 Waterdepth 33 kHz Echo [m TAW]: -14.67
 Surface Elevation [m TAW]: 5.07

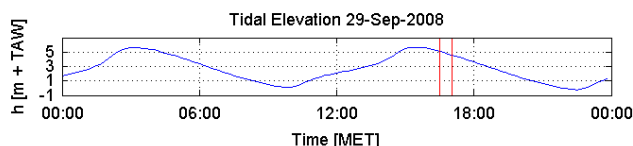
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.79	17.4	11.3	21
3.81	17.4	11.2	28
2.71	17.4	11.3	42
1.70	17.4	11.4	47
0.76	17.4	11.5	53
-0.31	17.4	11.7	54
-1.30	17.4	11.8	54
-2.38	17.4	12.1	59
-3.41	17.4	12.2	66
-4.35	17.3	12.3	69
-5.26	17.3	12.5	67
-6.26	17.3	12.6	67
-7.14	17.3	12.7	69
-8.11	17.2	12.8	69
-8.99	17.2	12.9	83
-9.90	17.2	13.0	94
-10.79	17.2	13.1	108
-11.69	17.1	13.2	122
-12.63	17.1	13.3	132
-13.49	17.1	13.3	143
-14.27	17.1	13.4	143
-15.18	17.1	13.4	206
-15.43	17.1	13.4	229
Depth Avg	17.3	12.4	78



Siltprofiler

Date & Time [MET]: 29/9/2008 17:02
 Time after/before HT [MET]: 7:12
 Coordinates [UTM-ED50] Easting: 588607
 Coordinates [UTM-ED50] Northing: 5684223
 Water-Bottom Interface Siltpr. [m TAW]: -14.37
 Waterdepth 210 kHz Echo [m TAW]: -14.57
 Waterdepth 33 kHz Echo [m TAW]: -14.65
 Surface Elevation [m TAW]: 4.56

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.24	17.1	10.9	14
3.25	17.2	11.0	18
2.32	17.2	11.1	22
1.46	17.3	11.3	24
0.52	17.3	11.6	32
-0.45	17.3	11.7	35
-1.44	17.3	11.8	36
-2.38	17.3	12.1	36
-3.33	17.3	12.2	37
-4.29	17.3	12.4	51
-5.17	17.3	12.6	55
-6.01	17.2	12.7	52
-6.85	17.2	12.9	54
-7.71	17.2	12.9	53
-8.54	17.1	12.8	52
-9.38	17.1	12.9	51
-10.21	17.1	12.9	52
-10.97	17.1	13.0	51
-11.74	17.1	13.1	53
-12.50	17.1	13.3	58
-13.23	17.1	13.3	78
-14.02	17.0	13.3	96
-14.37	17.0	13.3	109
Depth Avg	17.2	12.3	45



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

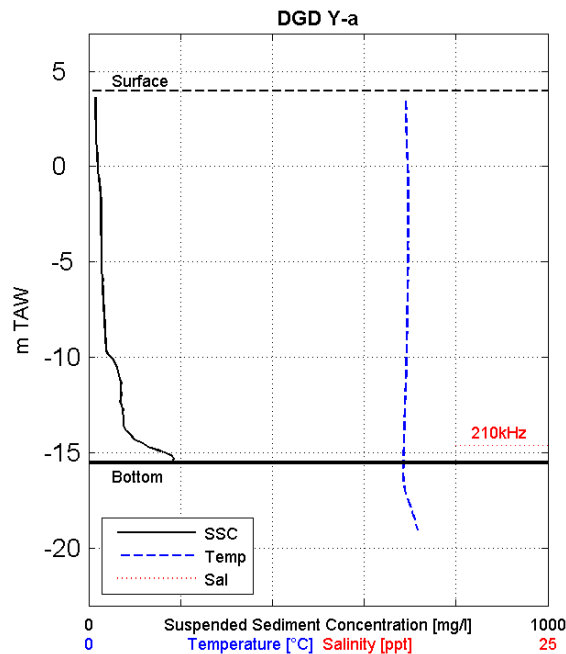
SiltProfiler & CTD-Diver

Sourcefile(s):

8320 Ya_ctd.sil

Location:

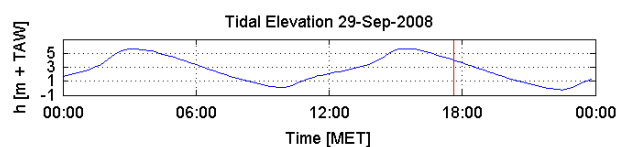
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:36
 Time after/before HT [MET]: 7:46
 Coordinates [UTM-ED50] Easting: 588582
 Coordinates [UTM-ED50] Northing: 5684212
 Water-Bottom Interface Siltpr. [m TAW]: -15.53
 Waterdepth 210 kHz Echo [m TAW]: -14.63
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.01

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.69	17.3	NaN	14
2.68	17.2	NaN	14
1.70	17.3	NaN	16
0.72	17.3	NaN	18
-0.27	17.4	NaN	19
-1.29	17.4	NaN	23
-2.09	17.4	NaN	27
-2.85	17.4	NaN	27
-3.75	17.4	NaN	26
-4.62	17.4	NaN	28
-5.57	17.4	NaN	28
-6.48	17.4	NaN	30
-7.44	17.3	NaN	32
-8.37	17.3	NaN	35
-9.26	17.3	NaN	36
-10.07	17.3	NaN	53
-10.90	17.3	NaN	66
-11.81	17.2	NaN	71
-12.62	17.2	NaN	73
-13.48	17.1	NaN	75
-14.35	17.1	NaN	102
-15.21	17.1	NaN	183
-15.53	17.1	NaN	176
Depth Avg	17.3	NaN	43



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

F.7 Location Yb

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

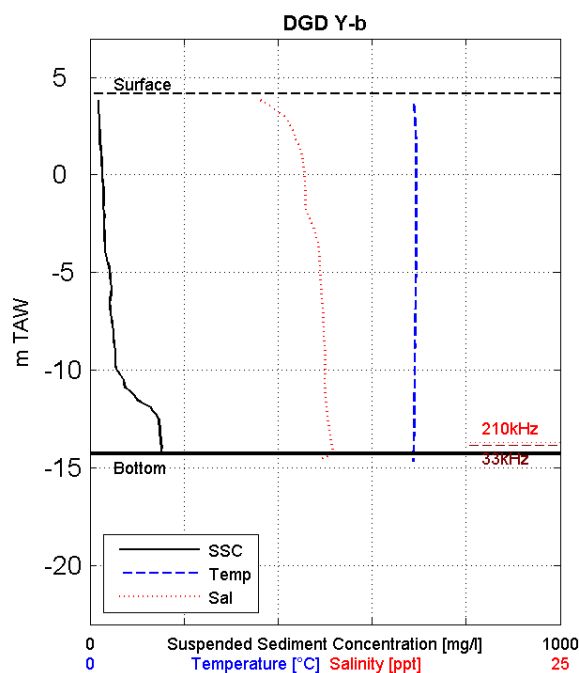
SiltProfiler & CTD-Diver

Sourcefile(s):

8010 Yb_ctd.sil
8025 Yb_ctd.sil

Location:

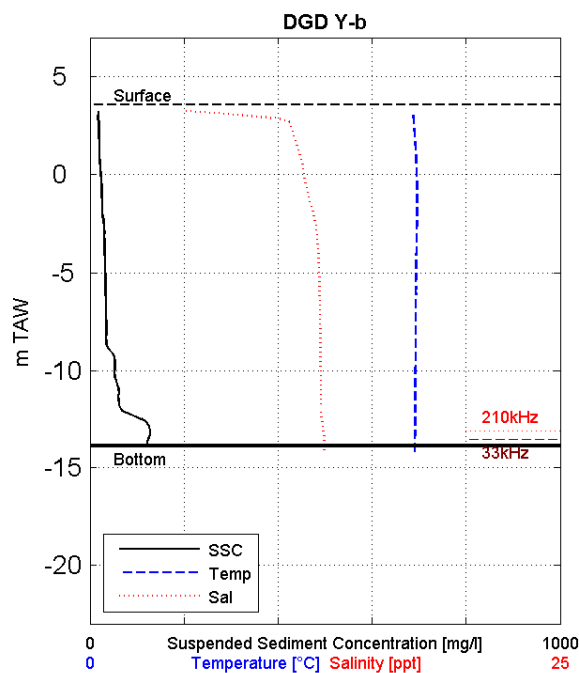
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:12
Time after/before HT [MET]: 2:02
Coordinates [UTM-ED50] Easting: 588659
Coordinates [UTM-ED50] Northing: 5684319
Water-Bottom Interface Siltpr. [m TAW]: -14.28
Waterdepth 210 kHz Echo [m TAW]: -13.67
Waterdepth 33 kHz Echo [m TAW]: -13.82
Surface Elevation [m TAW]: 4.18

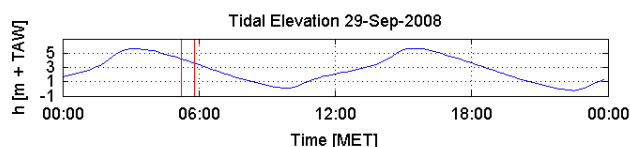
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.89	17.2	9.0	17
3.10	17.3	10.2	19
2.38	17.3	10.7	21
1.58	17.3	11.1	21
0.81	17.3	11.3	23
0.05	17.3	11.4	26
-0.73	17.3	11.4	28
-1.52	17.3	11.4	28
-2.31	17.3	11.7	29
-3.19	17.3	12.0	32
-4.03	17.3	12.2	34
-4.89	17.3	12.2	41
-5.78	17.3	12.3	47
-6.73	17.3	12.4	43
-7.60	17.3	12.4	46
-8.48	17.3	12.4	51
-9.38	17.2	12.5	53
-10.22	17.2	12.5	63
-11.16	17.2	12.5	92
-12.21	17.2	12.6	139
-13.24	17.2	12.8	149
-14.28	17.2	12.9	153
Depth Avg	17.3	11.9	53



Siltprofiler

Date & Time [MET]: 29/9/2008 05:49
Time after/before HT [MET]: 2:39
Coordinates [UTM-ED50] Easting: 588668
Coordinates [UTM-ED50] Northing: 5684315
Water-Bottom Interface Siltpr. [m TAW]: -13.88
Waterdepth 210 kHz Echo [m TAW]: -13.12
Waterdepth 33 kHz Echo [m TAW]: -13.55
Surface Elevation [m TAW]: 3.55

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.27	17.1	4.7	17
2.60	17.2	10.6	19
1.89	17.3	10.9	19
1.15	17.3	11.1	19
0.40	17.4	11.3	23
-0.37	17.4	11.4	24
-1.22	17.4	11.7	25
-2.06	17.4	11.9	26
-2.99	17.4	12.1	30
-3.88	17.3	12.1	31
-4.62	17.3	12.2	32
-5.43	17.3	12.2	31
-6.17	17.3	12.2	32
-6.95	17.3	12.2	31
-7.76	17.3	12.2	35
-8.53	17.3	12.3	34
-9.34	17.3	12.3	51
-10.12	17.3	12.3	52
-10.96	17.3	12.3	60
-11.82	17.3	12.3	62
-12.68	17.3	12.3	119
-13.44	17.3	12.4	126
-13.88	17.3	12.4	120
Depth Avg	17.3	11.7	41



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

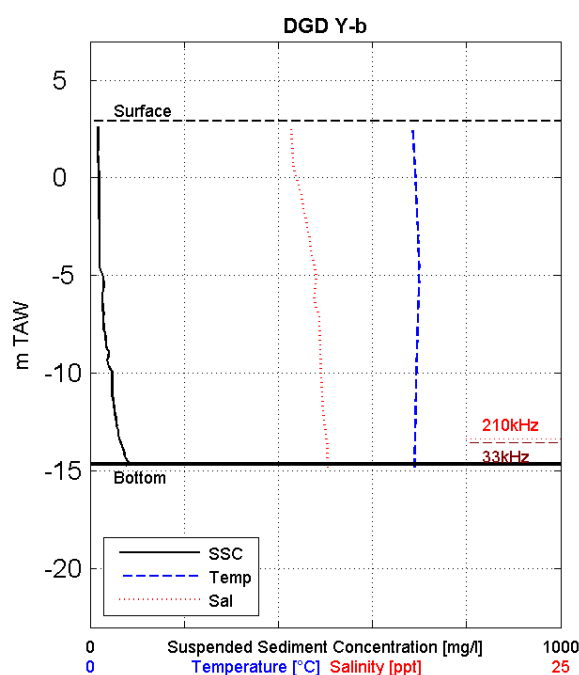
Sourcefile(s):

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8056 Yb_ctd.sil

Location:

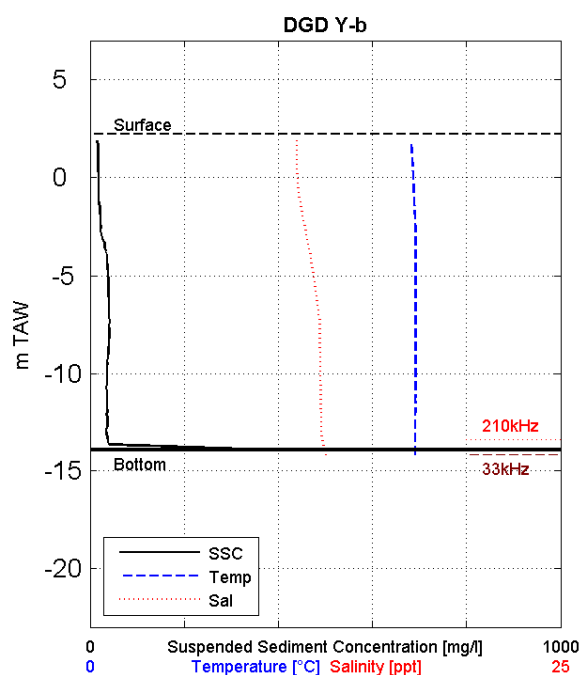
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:21
Time after/before HT [MET]: 3:11
Coordinates [UTM-ED50] Easting: 588648
Coordinates [UTM-ED50] Northing: 5684275
Water-Bottom Interface Siltpr. [m TAW]: -14.64
Waterdepth 210 kHz Echo [m TAW]: -13.35
Waterdepth 33 kHz Echo [m TAW]: -13.56
Surface Elevation [m TAW]: 2.96

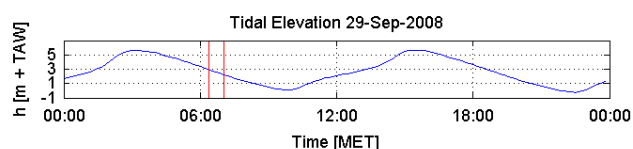
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.67	17.1	NaN	16
1.90	17.2	10.7	17
1.07	17.2	10.8	18
0.19	17.3	10.9	17
-0.63	17.3	11.1	19
-1.42	17.3	11.3	17
-2.27	17.4	11.5	18
-3.11	17.4	11.6	19
-3.97	17.4	11.8	19
-4.81	17.4	12.0	25
-5.69	17.5	11.9	28
-6.52	17.4	12.0	26
-7.36	17.4	12.2	26
-8.12	17.4	12.2	34
-8.94	17.4	12.2	40
-9.75	17.3	12.3	42
-10.51	17.3	12.3	47
-11.30	17.3	12.3	47
-12.01	17.3	12.4	52
-12.77	17.3	12.5	58
-13.51	17.3	12.6	63
-14.26	17.3	12.6	74
-14.64	17.2	12.6	80
Depth Avg			
	17.3	11.8	32



Siltprofiler

Date & Time [MET]: 29/9/2008 07:02
Time after/before HT [MET]: 3:52
Coordinates [UTM-ED50] Easting: 588646
Coordinates [UTM-ED50] Northing: 5684302
Water-Bottom Interface Siltpr. [m TAW]: -13.95
Waterdepth 210 kHz Echo [m TAW]: -13.41
Waterdepth 33 kHz Echo [m TAW]: -14.20
Surface Elevation [m TAW]: 2.22

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.93	17.1	11.0	13
1.07	17.1	11.0	15
0.30	17.1	11.0	17
-0.48	17.2	11.0	17
-1.24	17.2	11.2	18
-1.98	17.3	11.3	22
-2.77	17.3	11.4	21
-3.56	17.3	11.6	31
-4.29	17.3	11.8	36
-5.01	17.3	11.9	40
-5.77	17.3	12.0	39
-6.57	17.3	12.1	37
-7.31	17.3	12.2	41
-8.05	17.3	12.2	40
-8.77	17.3	12.2	39
-9.52	17.3	12.2	35
-10.38	17.3	12.2	35
-11.07	17.3	12.3	36
-11.78	17.3	12.2	35
-12.50	17.3	12.3	37
-13.17	17.3	12.3	36
-13.87	17.2	12.4	43
-13.95	17.2	12.4	10799
Depth Avg			
	17.2	11.8	40



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

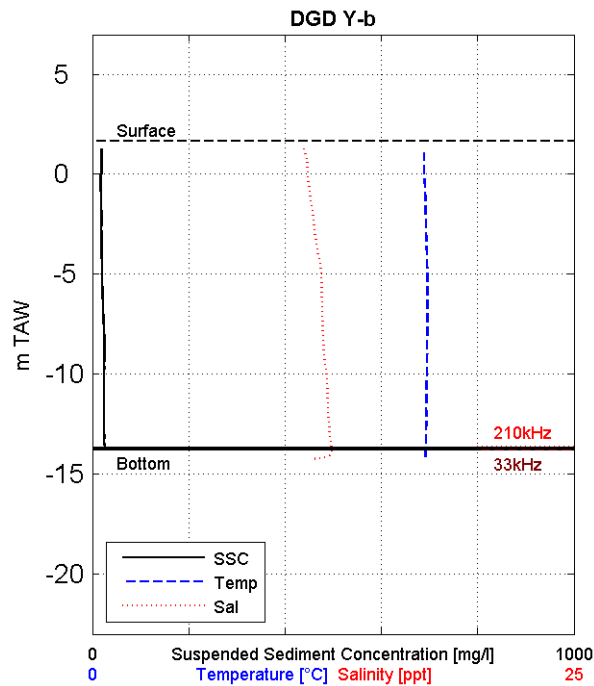
Sourcefile(s):

8071 Yb_ctd.sil

8086 Yb_ctd.sil

Location:

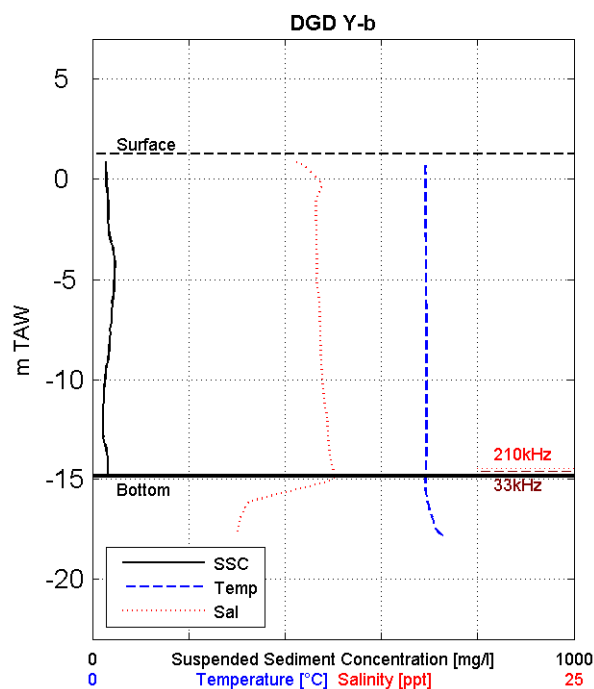
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:32
 Time after/before HT [MET]: 4:22
 Coordinates [UTM-ED50] Easting: 588658
 Coordinates [UTM-ED50] Northing: 5684271
 Water-Bottom Interface Siltpr. [m TAW]: -13.76
 Waterdepth 210 kHz Echo [m TAW]: -13.61
 Waterdepth 33 kHz Echo [m TAW]: -13.81
 Surface Elevation [m TAW]: 1.70

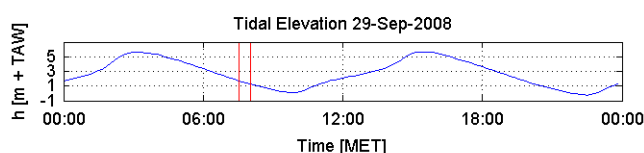
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.40	17.2	10.9	18
0.65	17.2	11.1	18
-0.15	17.2	11.2	16
-0.88	17.3	11.3	16
-1.64	17.3	11.4	18
-2.33	17.3	11.5	19
-3.10	17.3	11.6	19
-3.85	17.3	11.7	18
-4.57	17.4	11.8	19
-5.31	17.4	11.9	19
-6.04	17.4	11.9	21
-6.80	17.4	11.9	22
-7.49	17.4	11.9	22
-8.18	17.4	12.0	25
-8.87	17.4	12.0	24
-9.65	17.4	12.1	24
-10.32	17.4	12.2	23
-11.01	17.3	12.2	22
-11.67	17.3	12.2	23
-12.34	17.3	12.3	22
-13.07	17.3	12.3	23
-13.74	17.3	12.4	28
-13.76	17.3	12.4	27
Depth Avg	17.3	11.8	21



Siltprofiler

Date & Time [MET]: 29/9/2008 08:02
 Time after/before HT [MET]: 4:52
 Coordinates [UTM-ED50] Easting: 588639
 Coordinates [UTM-ED50] Northing: 5684261
 Water-Bottom Interface Siltpr. [m TAW]: -14.85
 Waterdepth 210 kHz Echo [m TAW]: -14.46
 Waterdepth 33 kHz Echo [m TAW]: -14.62
 Surface Elevation [m TAW]: 1.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.94	17.3	10.1	27
0.17	17.3	11.5	29
-0.54	17.3	11.8	31
-1.25	17.3	11.6	32
-1.99	17.3	11.6	33
-2.72	17.3	11.6	34
-3.47	17.3	11.6	42
-4.23	17.3	11.6	46
-4.99	17.3	11.6	45
-5.73	17.3	11.7	44
-6.49	17.3	11.8	39
-7.23	17.3	11.8	39
-7.94	17.3	11.8	35
-8.67	17.3	11.8	32
-9.44	17.3	11.9	27
-10.17	17.3	11.9	26
-10.89	17.3	12.0	23
-11.63	17.3	12.1	22
-12.44	17.3	12.2	20
-13.25	17.3	12.3	26
-14.00	17.3	12.3	32
-14.70	17.3	12.6	31
-14.85	17.3	12.6	32
Depth Avg	17.3	11.8	33



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

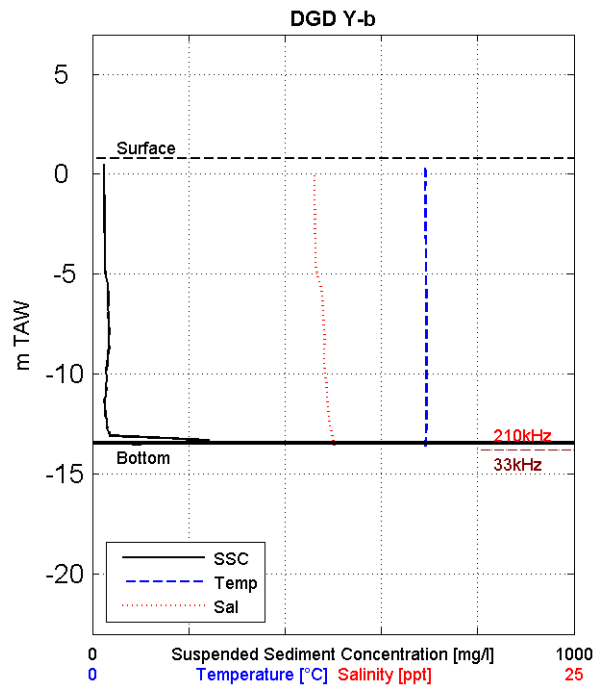
Sourcefile(s):

8101 Yb_ctd.sil

8121 Yb_ctd.sil

Location:

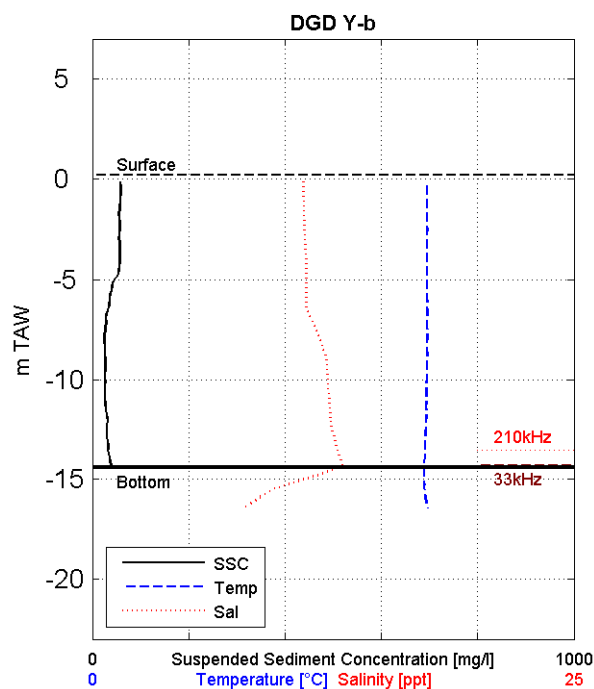
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 08:32
 Time after/before HT [MET]: 5:22
 Coordinates [UTM-ED50] Easting: 588664
 Coordinates [UTM-ED50] Northing: 5684291
 Water-Bottom Interface Siltpr. [m TAW]: -13.46
 Waterdepth 210 kHz Echo [m TAW]: -13.77
 Waterdepth 33 kHz Echo [m TAW]: -13.81
 Surface Elevation [m TAW]: 0.84

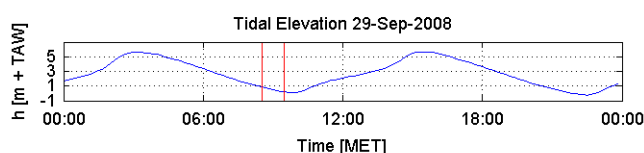
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.54	17.3	NaN	24
-0.10	17.3	NaN	24
-0.76	17.3	11.5	24
-1.45	17.3	11.5	24
-2.16	17.3	11.5	24
-2.87	17.3	11.6	26
-3.51	17.3	11.6	26
-4.16	17.3	11.6	25
-4.79	17.3	11.6	25
-5.46	17.3	11.8	30
-6.17	17.3	11.9	33
-6.78	17.3	11.9	32
-7.45	17.4	12.0	34
-8.11	17.3	12.1	34
-8.82	17.4	12.0	34
-9.49	17.3	12.0	32
-10.18	17.3	12.1	30
-10.82	17.4	12.2	28
-11.48	17.3	12.2	24
-12.11	17.3	12.3	26
-12.85	17.3	12.4	34
-13.46	17.3	12.5	13228
Depth Avg	17.3	11.9	65



Siltprofiler

Date & Time [MET]: 29/9/2008 09:27
 Time after/before HT [MET]: 6:17
 Coordinates [UTM-ED50] Easting: 588653
 Coordinates [UTM-ED50] Northing: 5684317
 Water-Bottom Interface Siltpr. [m TAW]: -14.45
 Waterdepth 210 kHz Echo [m TAW]: -13.58
 Waterdepth 33 kHz Echo [m TAW]: -14.29
 Surface Elevation [m TAW]: 0.23

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.05	17.4	10.9	56
-0.73	17.4	10.9	60
-1.42	17.4	11.0	56
-2.08	17.4	11.0	56
-2.77	17.3	11.0	54
-3.44	17.4	11.0	57
-4.17	17.4	11.1	56
-4.93	17.4	11.1	47
-5.67	17.4	11.1	37
-6.34	17.4	11.1	35
-7.00	17.4	11.4	28
-7.66	17.4	11.7	24
-8.33	17.4	11.9	26
-8.97	17.4	12.1	26
-9.60	17.3	12.2	23
-10.22	17.3	12.2	26
-10.89	17.3	12.3	26
-11.52	17.4	12.3	25
-12.21	17.3	12.4	30
-12.83	17.3	12.5	30
-13.49	17.2	12.7	32
-14.06	17.2	12.9	37
-14.45	17.2	12.8	39
Depth Avg	17.3	11.7	39



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

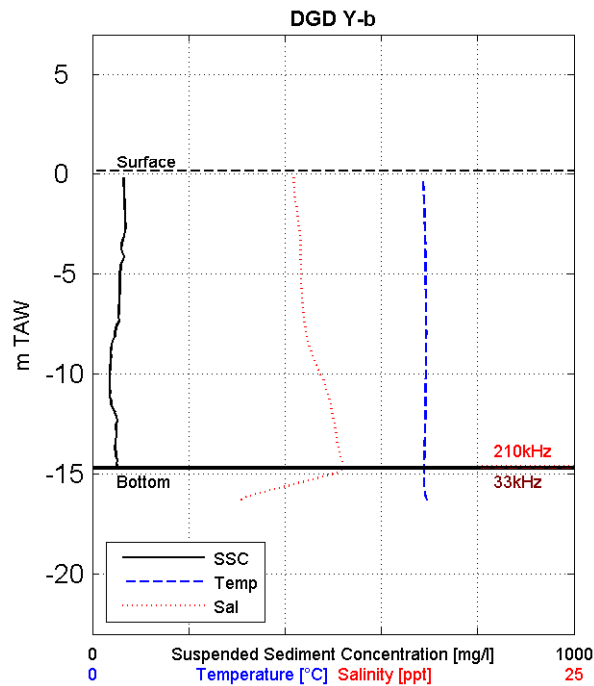
Sourcefile(s):

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8151 Yb_ctd.sil

Location:

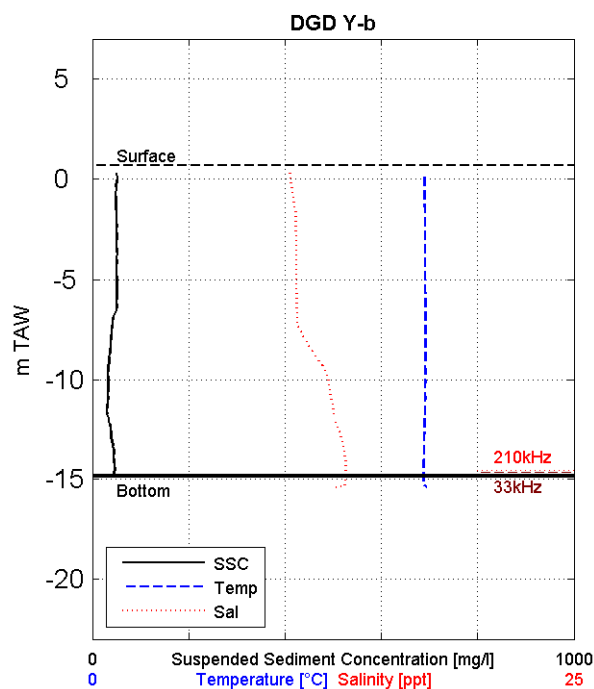
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:01
 Time after/before HT [MET]: 0:11
 Coordinates [UTM-ED50] Easting: 588646
 Coordinates [UTM-ED50] Northing: 5684281
 Water-Bottom Interface Siltpr. [m TAW]: -14.69
 Waterdepth 210 kHz Echo [m TAW]: -14.56
 Waterdepth 33 kHz Echo [m TAW]: -14.69
 Surface Elevation [m TAW]: 0.14

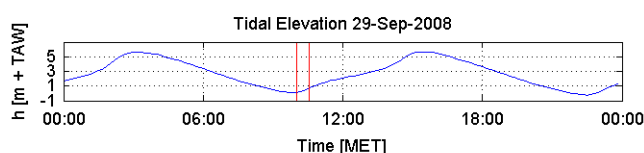
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.16	17.1	10.4	65
-0.85	17.2	10.4	65
-1.42	17.2	10.5	67
-2.10	17.2	10.6	69
-2.77	17.3	10.7	68
-3.48	17.3	10.8	60
-4.19	17.3	10.8	66
-4.90	17.3	10.8	56
-5.65	17.3	10.8	57
-6.31	17.3	10.9	55
-6.99	17.3	10.9	54
-7.69	17.3	11.0	48
-8.37	17.3	11.2	40
-9.06	17.3	11.4	39
-9.67	17.3	11.7	36
-10.32	17.3	12.0	35
-10.95	17.3	12.2	35
-11.64	17.3	12.4	37
-12.28	17.3	12.5	51
-12.90	17.3	12.6	50
-13.58	17.2	12.7	48
-14.27	17.2	12.9	50
-14.69	17.2	13.1	48
Depth Avg	17.3	11.4	52



Siltprofiler

Date & Time [MET]: 29/9/2008 10:32
 Time after/before HT [MET]: 0:42
 Coordinates [UTM-ED50] Easting: 588651
 Coordinates [UTM-ED50] Northing: 5684279
 Water-Bottom Interface Siltpr. [m TAW]: -14.87
 Waterdepth 210 kHz Echo [m TAW]: -14.58
 Waterdepth 33 kHz Echo [m TAW]: -14.67
 Surface Elevation [m TAW]: 0.67

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.33	17.2	10.2	49
-0.32	17.2	10.3	48
-1.08	17.2	10.4	49
-1.81	17.3	10.5	49
-2.53	17.2	10.5	49
-3.17	17.3	10.6	49
-3.80	17.2	10.6	52
-4.42	17.3	10.6	49
-5.13	17.3	10.6	51
-5.84	17.3	10.6	51
-6.58	17.3	10.6	51
-7.29	17.3	10.7	41
-8.08	17.3	11.1	38
-8.84	17.3	11.6	35
-9.63	17.3	12.1	31
-10.42	17.3	12.3	33
-11.10	17.3	12.4	31
-11.81	17.2	12.5	32
-12.51	17.2	12.8	38
-13.17	17.2	13.0	41
-13.85	17.2	13.1	43
-14.55	17.2	13.1	49
-14.87	17.2	13.1	6896
Depth Avg	17.2	11.4	56



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

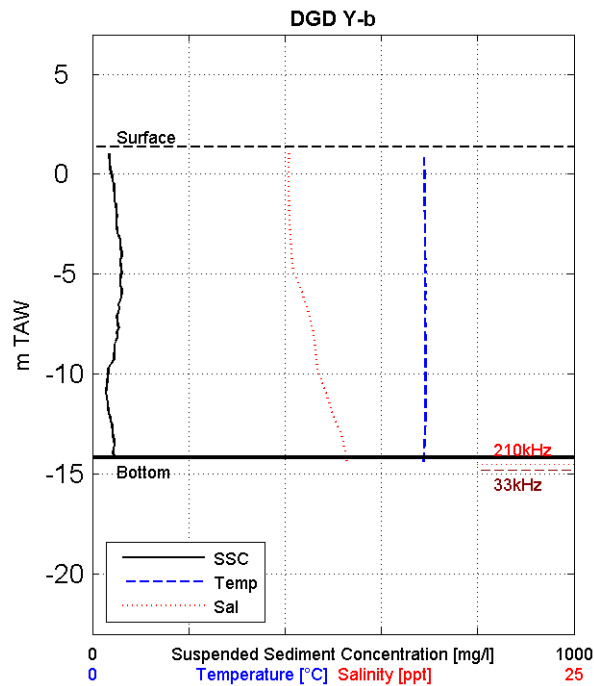
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8181 Yb_ctd.sil

Location:

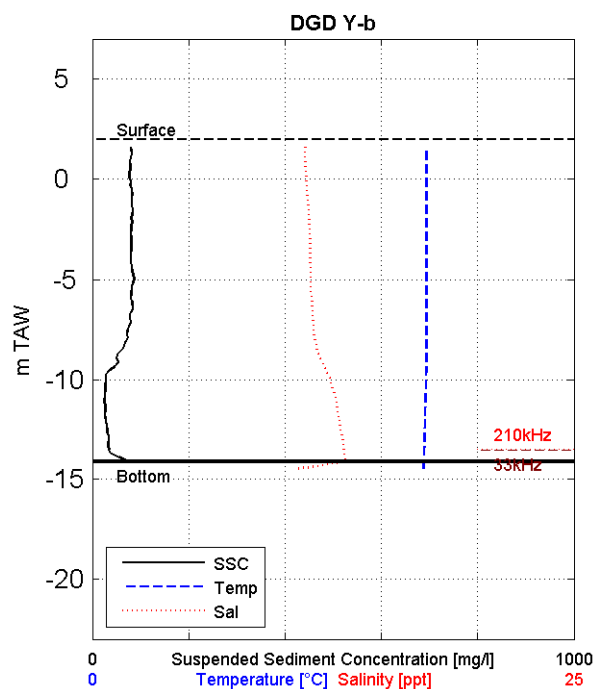
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 11:07
Time after/before HT [MET]: 1:17
Coordinates [UTM-ED50] Easting: 588662
Coordinates [UTM-ED50] Northing: 5684277
Water-Bottom Interface Siltpr. [m TAW]: -14.20
Waterdepth 210 kHz Echo [m TAW]: -14.50
Waterdepth 33 kHz Echo [m TAW]: -14.81
Surface Elevation [m TAW]: 1.39

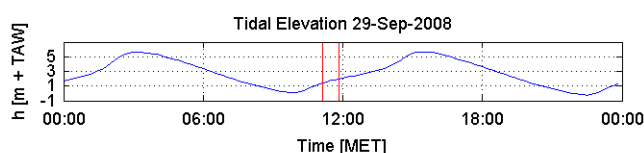
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.11	17.2	10.2	35
0.40	17.2	10.2	36
-0.31	17.2	10.1	41
-0.93	17.2	10.2	44
-1.50	17.2	10.2	49
-2.20	17.3	10.2	49
-2.90	17.3	10.3	51
-3.66	17.3	10.3	58
-4.42	17.3	10.4	57
-5.20	17.3	10.6	56
-5.99	17.3	10.9	59
-6.71	17.3	11.1	56
-7.44	17.3	11.4	50
-8.18	17.3	11.5	52
-8.92	17.3	11.6	45
-9.56	17.3	11.6	35
-10.24	17.3	11.9	31
-10.86	17.3	12.1	26
-11.57	17.3	12.3	32
-12.28	17.3	12.6	35
-13.00	17.3	12.9	43
-13.78	17.2	13.1	42
-14.20	17.2	13.2	319
Depth Avg			
	17.3	11.2	47



Siltprofiler

Date & Time [MET]: 29/9/2008 11:49
Time after/before HT [MET]: 1:59
Coordinates [UTM-ED50] Easting: 588680
Coordinates [UTM-ED50] Northing: 5684301
Water-Bottom Interface Siltpr. [m TAW]: -14.15
Waterdepth 210 kHz Echo [m TAW]: -13.51
Waterdepth 33 kHz Echo [m TAW]: -13.57
Surface Elevation [m TAW]: 1.97

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.62	17.3	11.0	80
0.87	17.4	11.0	76
0.10	17.3	11.1	77
-0.69	17.4	11.1	83
-1.40	17.4	11.2	82
-2.18	17.3	11.2	81
-2.94	17.4	11.3	80
-3.73	17.4	11.3	79
-4.45	17.4	11.3	82
-5.11	17.3	11.3	79
-5.90	17.4	11.4	77
-6.63	17.3	11.4	79
-7.37	17.3	11.4	77
-8.16	17.3	11.6	67
-8.91	17.3	11.8	49
-9.68	17.3	12.2	27
-10.42	17.3	12.5	28
-11.11	17.3	12.7	23
-11.74	17.3	12.7	24
-12.43	17.2	12.9	31
-13.09	17.2	13.0	33
-13.76	17.2	13.1	40
-14.15	17.2	13.1	72
Depth Avg			
	17.3	11.7	64



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

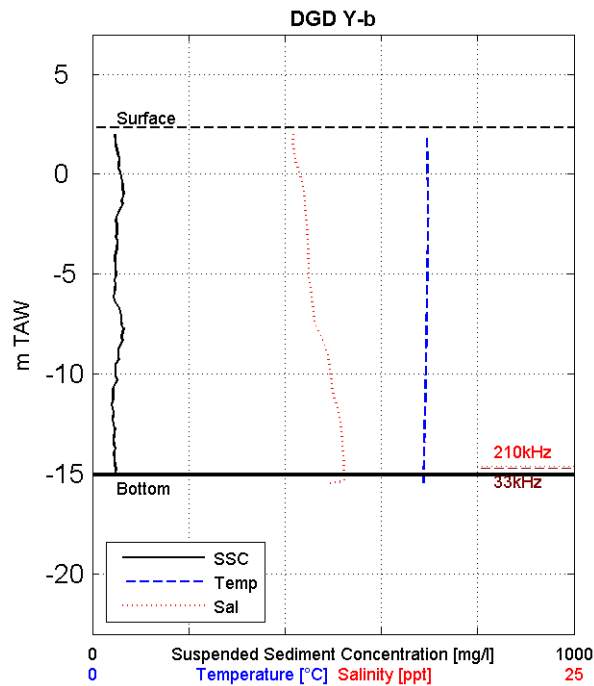
Sourcefile(s):

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8216 Yb_ctd.sil

Location:

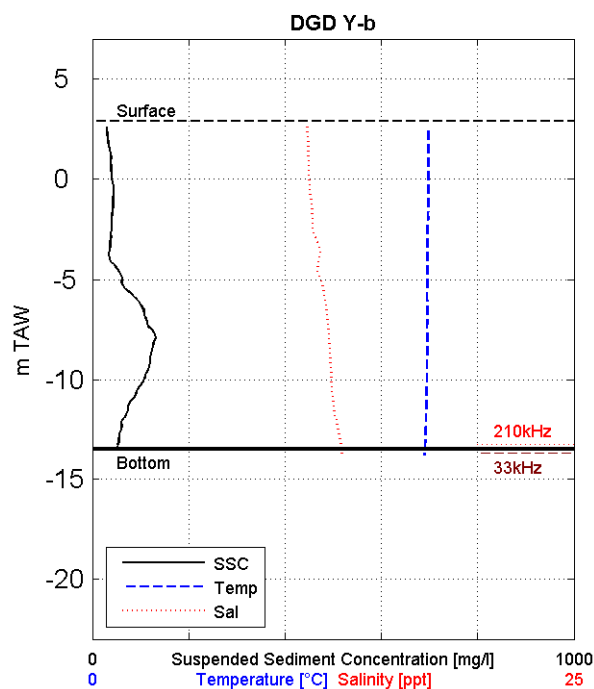
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:24
 Time after/before HT [MET]: 2:34
 Coordinates [UTM-ED50] Easting: 588655
 Coordinates [UTM-ED50] Northing: 5684277
 Water-Bottom Interface Siltpr. [m TAW]: -15.04
 Waterdepth 210 kHz Echo [m TAW]: -14.60
 Waterdepth 33 kHz Echo [m TAW]: -14.69
 Surface Elevation [m TAW]: 2.34

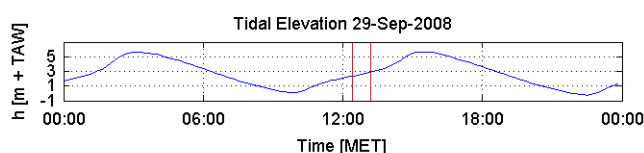
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.04	17.3	10.4	47
1.18	17.4	10.4	52
0.32	17.4	10.7	54
-0.47	17.4	10.9	64
-1.24	17.4	11.0	60
-1.99	17.4	11.1	51
-2.71	17.4	11.1	54
-3.45	17.4	11.2	51
-4.25	17.4	11.2	48
-5.09	17.4	11.2	49
-5.86	17.4	11.3	47
-6.71	17.4	11.4	56
-7.52	17.3	11.6	60
-8.29	17.3	11.9	63
-9.03	17.3	12.2	52
-9.79	17.3	12.3	44
-10.59	17.3	12.4	44
-11.34	17.3	12.6	41
-12.05	17.2	12.8	41
-12.81	17.2	12.9	45
-13.65	17.2	13.0	48
-14.48	17.2	13.0	48
-15.04	17.2	13.0	48
Depth Avg	17.3	11.7	51



Siltprofiler

Date & Time [MET]: 29/9/2008 13:13
 Time after/before HT [MET]: 3:23
 Coordinates [UTM-ED50] Easting: 588669
 Coordinates [UTM-ED50] Northing: 5684279
 Water-Bottom Interface Siltpr. [m TAW]: -13.51
 Waterdepth 210 kHz Echo [m TAW]: -13.29
 Waterdepth 33 kHz Echo [m TAW]: -13.71
 Surface Elevation [m TAW]: 2.91

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.61	17.4	11.1	30
1.91	17.4	11.2	32
1.05	17.4	11.2	38
0.28	17.4	11.2	39
-0.48	17.4	11.3	44
-1.22	17.4	11.4	43
-1.90	17.4	11.4	39
-2.55	17.4	11.4	40
-3.21	17.4	11.7	37
-3.92	17.4	11.8	36
-4.64	17.4	11.7	59
-5.35	17.4	11.9	65
-6.09	17.4	12.1	95
-6.94	17.4	12.2	112
-7.71	17.4	12.3	130
-8.45	17.4	12.3	126
-9.21	17.3	12.4	118
-9.92	17.3	12.4	110
-10.75	17.3	12.4	89
-11.59	17.3	12.6	69
-12.37	17.3	12.7	60
-13.19	17.3	12.9	52
-13.51	17.3	12.9	49
Depth Avg	17.4	11.9	67



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

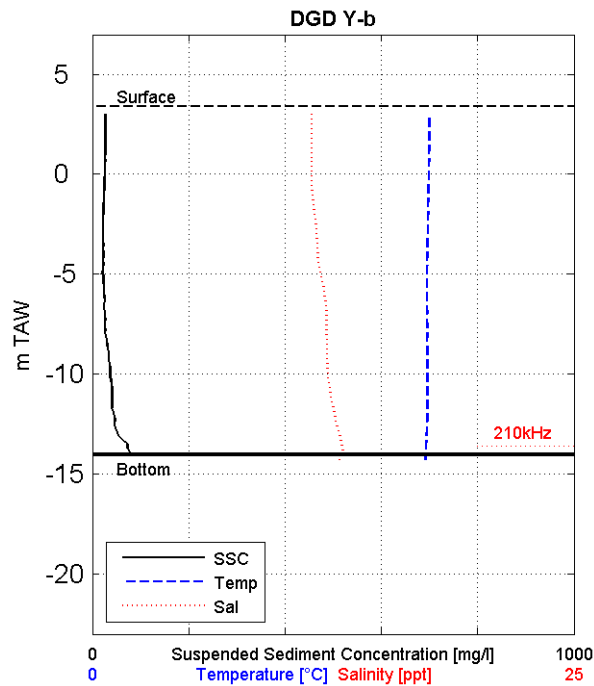
Sourcefile(s):

8231 Yb_ctd.sil

8246 Yb_ctd.sil

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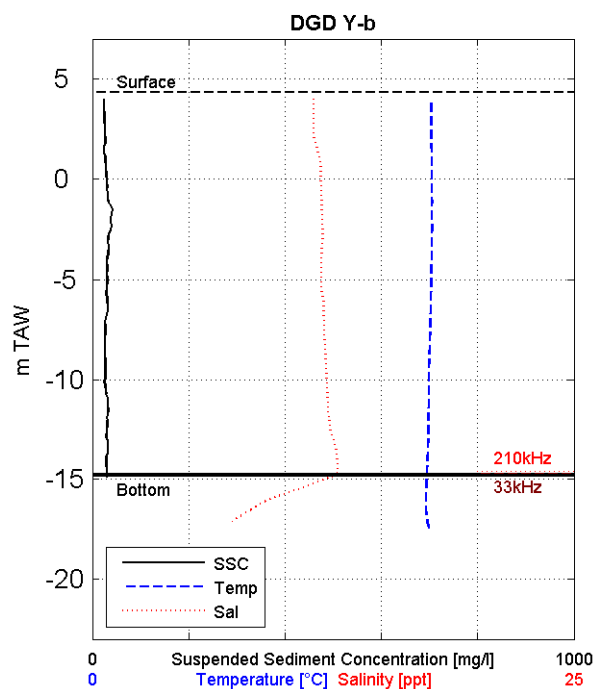
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:47
Time after/before HT [MET]: 3:57
Coordinates [UTM-ED50] Easting: 588666
Coordinates [UTM-ED50] Northing: 5684273
Water-Bottom Interface Siltpr. [m TAW]: -14.05
Waterdepth 210 kHz Echo [m TAW]: -13.61
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 3.42

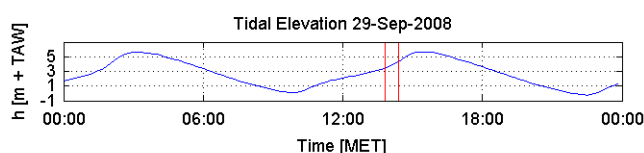
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.10	17.5	NaN	27
2.44	17.4	11.4	26
1.76	17.5	11.4	27
1.04	17.4	11.3	26
0.18	17.5	11.3	24
-0.66	17.4	11.4	24
-1.52	17.4	11.5	23
-2.60	17.4	11.6	21
-3.36	17.4	11.7	21
-3.97	17.4	11.7	22
-4.59	17.4	11.7	24
-5.18	17.3	11.9	22
-5.96	17.4	12.0	23
-6.88	17.4	12.1	26
-7.59	17.4	12.2	24
-8.35	17.4	12.2	28
-9.11	17.4	12.2	32
-9.90	17.4	12.2	36
-10.85	17.4	12.3	40
-11.74	17.4	12.5	39
-12.60	17.4	12.7	47
-13.53	17.3	12.9	76
-14.05	17.3	12.9	78
Depth Avg	17.4	11.9	31



Siltprofiler

Date & Time [MET]: 29/9/2008 14:23
Time after/before HT [MET]: 4:33
Coordinates [UTM-ED50] Easting: 588654
Coordinates [UTM-ED50] Northing: 5684261
Water-Bottom Interface Siltpr. [m TAW]: -14.82
Waterdepth 210 kHz Echo [m TAW]: -14.63
Waterdepth 33 kHz Echo [m TAW]: -14.71
Surface Elevation [m TAW]: 4.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.02	17.6	11.5	22
3.12	17.6	11.5	25
2.26	17.6	11.5	26
1.32	17.6	11.7	25
0.36	17.6	11.8	29
-0.54	17.6	11.9	31
-1.48	17.6	11.9	41
-2.26	17.6	11.9	40
-3.20	17.6	11.9	33
-4.14	17.6	11.9	29
-4.97	17.6	11.9	31
-5.76	17.6	11.9	28
-6.64	17.5	12.0	31
-7.63	17.5	12.0	27
-8.60	17.5	12.1	24
-9.52	17.5	12.1	26
-10.37	17.4	12.2	26
-11.23	17.4	12.2	34
-12.12	17.4	12.3	32
-13.03	17.4	12.5	31
-13.87	17.4	12.7	27
-14.73	17.4	12.7	29
-14.82	17.3	12.7	30
Depth Avg	17.5	12.0	29



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

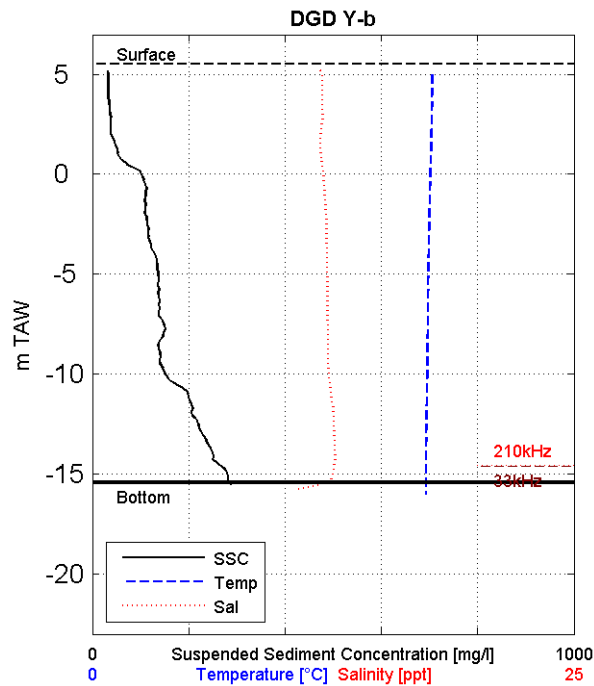
Sourcefile(s):

8261 Yb_ctd.sil

8276 Yb_ctd.sil

Location:

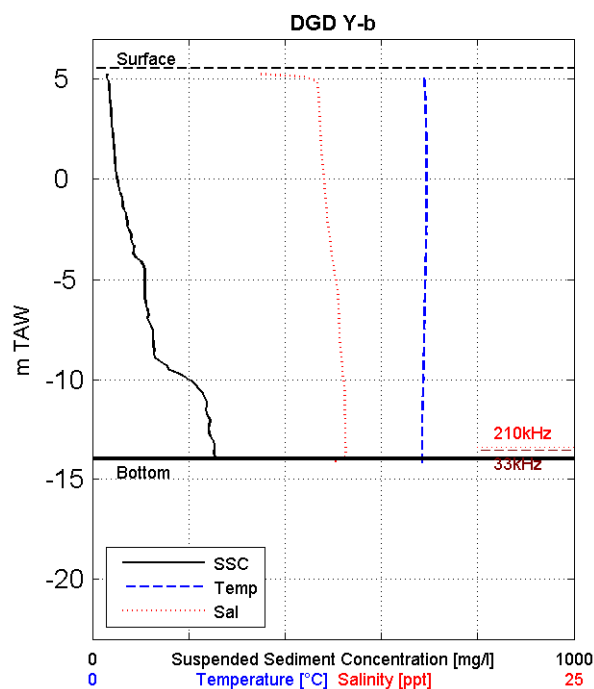
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 15:06
Time after/before HT [MET]: 5:16
Coordinates [UTM-ED50] Easting: 588651
Coordinates [UTM-ED50] Northing: 5684264
Water-Bottom Interface Siltpr. [m TAW]: -15.44
Waterdepth 210 kHz Echo [m TAW]: -14.56
Waterdepth 33 kHz Echo [m TAW]: -14.62
Surface Elevation [m TAW]: 5.53

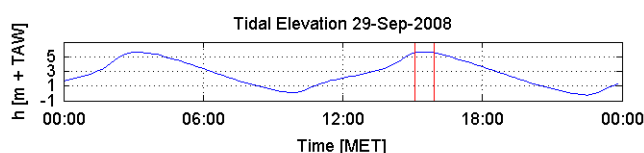
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.23	17.6	11.7	31
4.18	17.6	11.9	34
3.10	17.6	11.9	36
2.14	17.6	11.8	40
1.16	17.6	11.8	51
0.25	17.6	12.0	92
-0.74	17.5	12.0	112
-1.77	17.5	12.1	109
-2.78	17.5	12.1	119
-3.79	17.4	12.2	121
-4.70	17.4	12.2	132
-5.63	17.4	12.2	134
-6.54	17.4	12.2	136
-7.54	17.4	12.2	148
-8.45	17.4	12.2	137
-9.34	17.4	12.2	141
-10.20	17.4	12.3	153
-11.04	17.4	12.4	199
-12.02	17.3	12.5	206
-13.03	17.3	12.5	229
-14.05	17.3	12.6	251
-14.97	17.3	12.5	283
-15.44	17.3	12.4	289
Depth Avg			
	17.4	12.2	131



Siltprofiler

Date & Time [MET]: 29/9/2008 15:56
Time after/before HT [MET]: 6:06
Coordinates [UTM-ED50] Easting: 588678
Coordinates [UTM-ED50] Northing: 5684282
Water-Bottom Interface Siltpr. [m TAW]: -13.99
Waterdepth 210 kHz Echo [m TAW]: -13.42
Waterdepth 33 kHz Echo [m TAW]: -13.56
Surface Elevation [m TAW]: 5.53

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.24	17.2	8.8	30
4.18	17.3	11.7	37
3.17	17.3	11.8	40
2.19	17.3	11.8	43
1.33	17.3	11.9	44
0.47	17.3	12.0	48
-0.52	17.3	12.1	55
-1.53	17.3	12.2	67
-2.54	17.3	12.3	76
-3.49	17.3	12.4	85
-4.43	17.3	12.5	106
-5.28	17.3	12.7	107
-6.17	17.2	12.8	111
-7.00	17.2	12.8	114
-7.79	17.2	12.8	125
-8.61	17.2	12.9	127
-9.49	17.2	13.0	157
-10.33	17.2	13.1	218
-11.19	17.1	13.1	236
-12.07	17.1	13.1	243
-12.91	17.1	13.1	244
-13.77	17.1	13.1	252
-13.99	17.1	13.0	257
Depth Avg			
	17.2	12.4	112



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

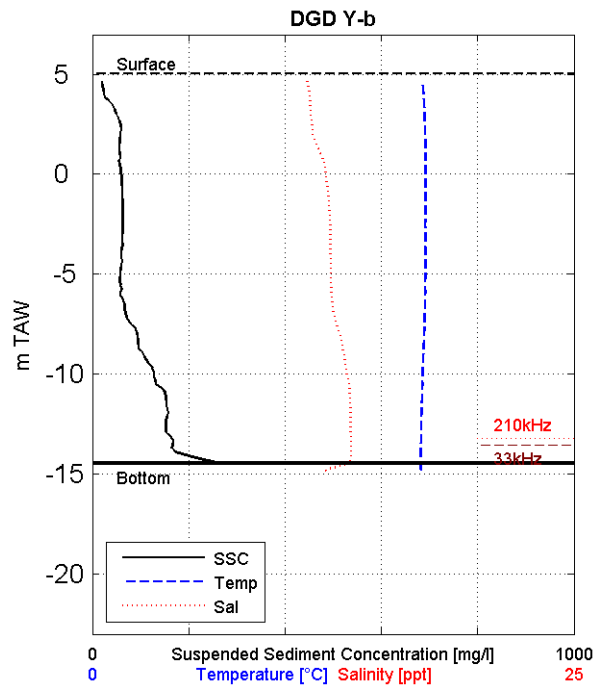
Sourcefile(s):

8291 Yb_ctd.sil

8306 Yb_ctd.sil

Location:

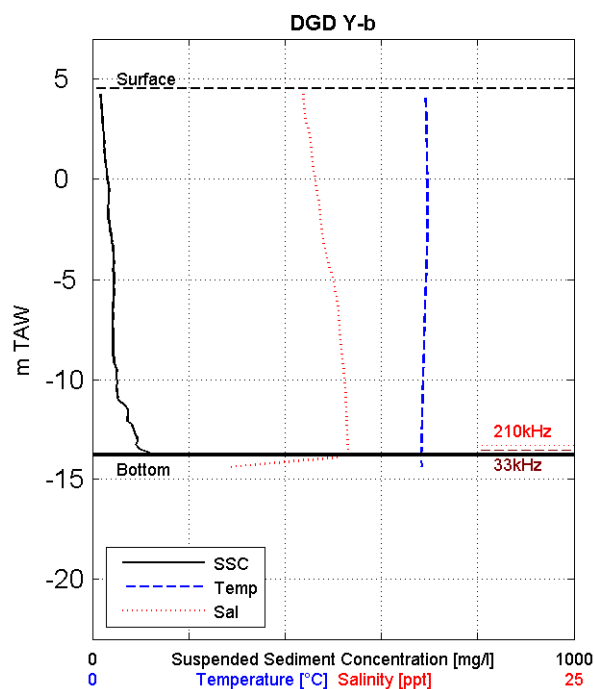
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:32
 Time after/before HT [MET]: 6:42
 Coordinates [UTM-ED50] Easting: 588685
 Coordinates [UTM-ED50] Northing: 5684298
 Water-Bottom Interface Siltpr. [m TAW]: -14.47
 Waterdepth 210 kHz Echo [m TAW]: -13.23
 Waterdepth 33 kHz Echo [m TAW]: -13.55
 Surface Elevation [m TAW]: 5.03

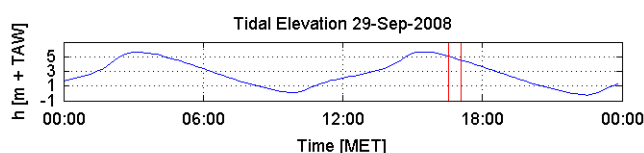
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.73	17.1	11.1	20
3.91	17.2	11.3	24
3.11	17.2	11.3	48
2.25	17.3	11.4	59
1.48	17.3	11.7	55
0.65	17.3	12.0	56
-0.31	17.3	12.1	60
-1.24	17.3	12.2	62
-2.25	17.2	12.3	65
-3.18	17.3	12.3	62
-4.17	17.3	12.3	61
-5.18	17.3	12.4	57
-6.18	17.3	12.4	58
-7.10	17.2	12.6	70
-7.95	17.2	12.8	93
-8.87	17.2	13.0	104
-9.75	17.1	13.2	126
-10.64	17.1	13.3	139
-11.52	17.1	13.4	151
-12.47	17.1	13.4	154
-13.38	17.1	13.4	166
-14.27	17.0	13.4	228
-14.47	17.0	13.3	433
Depth Avg	17.2	12.4	85



Siltprofiler

Date & Time [MET]: 29/9/2008 17:04
 Time after/before HT [MET]: 7:14
 Coordinates [UTM-ED50] Easting: 588679
 Coordinates [UTM-ED50] Northing: 5684292
 Water-Bottom Interface Siltpr. [m TAW]: -13.83
 Waterdepth 210 kHz Echo [m TAW]: -13.33
 Waterdepth 33 kHz Echo [m TAW]: -13.58
 Surface Elevation [m TAW]: 4.53

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.23	17.3	10.9	16
3.47	17.3	11.0	19
2.59	17.3	11.2	21
1.84	17.3	11.3	24
1.06	17.4	11.4	24
0.28	17.4	11.5	29
-0.52	17.4	11.6	35
-1.37	17.4	11.8	32
-2.24	17.4	11.9	35
-3.12	17.4	12.0	41
-3.98	17.3	12.2	44
-4.82	17.3	12.4	45
-5.75	17.3	12.6	45
-6.65	17.3	12.8	43
-7.64	17.2	12.8	43
-8.52	17.2	12.9	44
-9.33	17.2	13.0	49
-10.22	17.1	13.1	51
-11.05	17.1	13.1	55
-11.94	17.1	13.2	72
-12.77	17.1	13.2	91
-13.59	17.1	13.3	108
-13.83	17.1	13.3	128
Depth Avg	17.3	12.3	44



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

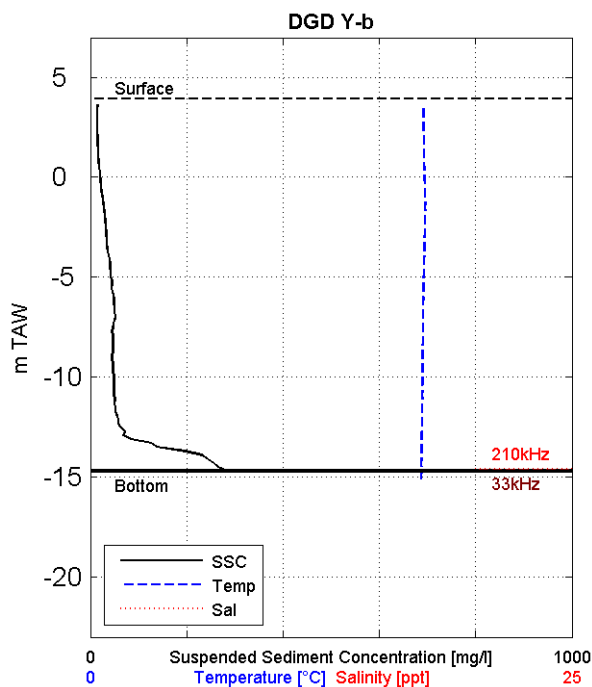
SiltProfiler & CTD-Diver

Sourcefile(s):

8321 Yb_ctd.sil

Location:

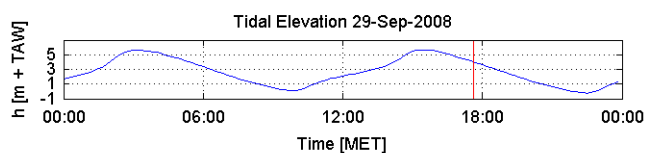
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:38
 Time after/before HT [MET]: 7:48
 Coordinates [UTM-ED50] Easting: 588655
 Coordinates [UTM-ED50] Northing: 5684272
 Water-Bottom Interface Siltpr. [m TAW]: -14.71
 Waterdepth 210 kHz Echo [m TAW]: -14.56
 Waterdepth 33 kHz Echo [m TAW]: -14.61
 Surface Elevation [m TAW]: 3.97

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.68	17.3	NaN	15
2.71	17.3	NaN	14
1.76	17.3	NaN	14
0.82	17.3	NaN	16
-0.06	17.3	NaN	21
-0.85	17.4	NaN	24
-1.69	17.3	NaN	29
-2.52	17.3	NaN	31
-3.41	17.3	NaN	34
-4.24	17.3	NaN	39
-5.07	17.3	NaN	42
-6.01	17.3	NaN	49
-6.89	17.2	NaN	50
-7.76	17.2	NaN	46
-8.66	17.3	NaN	47
-9.50	17.2	NaN	46
-10.34	17.2	NaN	50
-11.14	17.2	NaN	51
-12.00	17.2	NaN	56
-12.81	17.2	NaN	66
-13.65	17.2	NaN	175
-14.52	17.2	NaN	263
-14.71	17.1	NaN	310
Depth Avg	17.3	NaN	50



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

F.8 Location Yc

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

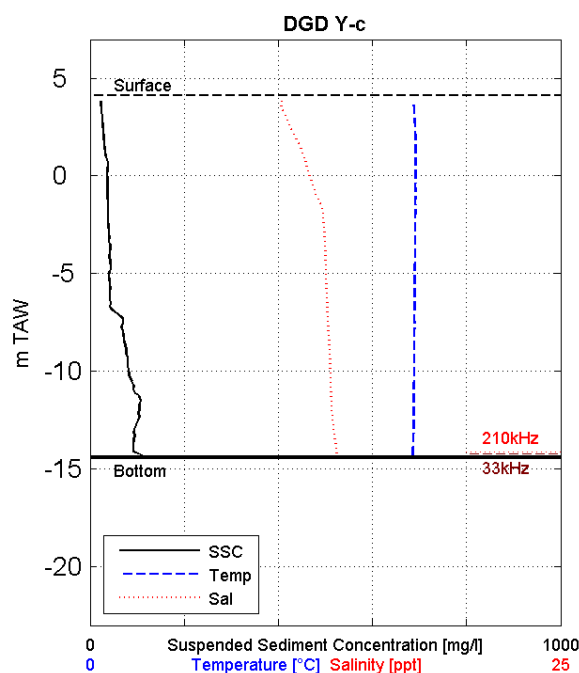
Sourcefile(s):

8011 Yc_ctd.sil

8026 Yc_ctd.sil

Location:

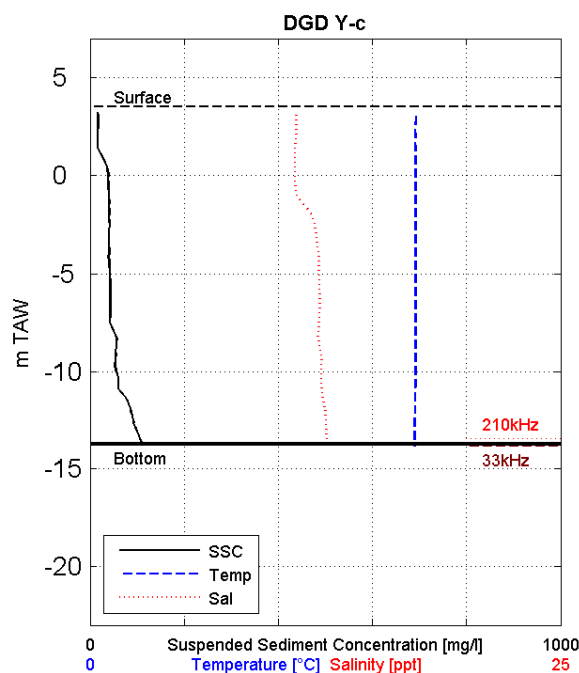
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:14
Time after/before HT [MET]: 2:04
Coordinates [UTM-ED50] Easting: 588704
Coordinates [UTM-ED50] Northing: 5684364
Water-Bottom Interface Siltpr. [m TAW]: -14.41
Waterdepth 210 kHz Echo [m TAW]: -14.12
Waterdepth 33 kHz Echo [m TAW]: -14.23
Surface Elevation [m TAW]: 4.15

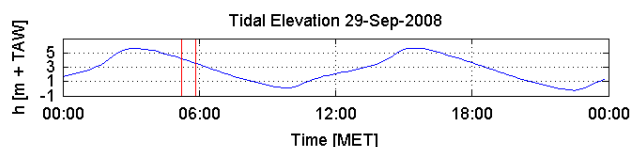
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.87	17.2	10.2	23
2.99	17.3	10.4	25
2.15	17.3	10.8	29
1.31	17.3	11.3	30
0.46	17.3	11.5	36
-0.43	17.3	11.8	36
-1.39	17.3	12.2	37
-2.39	17.3	12.4	38
-3.35	17.3	12.5	39
-4.33	17.3	12.5	43
-5.22	17.2	12.5	40
-6.03	17.3	12.6	41
-6.82	17.3	12.6	47
-7.65	17.2	12.6	63
-8.49	17.2	12.7	73
-9.38	17.2	12.7	78
-10.31	17.2	12.8	85
-11.19	17.2	12.8	101
-12.06	17.2	12.8	102
-12.96	17.2	12.9	95
-13.78	17.1	13.0	89
-14.41	17.1	13.1	150
-14.41	17.1	13.1	150
Depth Avg	17.2	12.2	56



Siltprofiler

Date & Time [MET]: 29/9/2008 05:51
Time after/before HT [MET]: 2:41
Coordinates [UTM-ED50] Easting: 588681
Coordinates [UTM-ED50] Northing: 5684362
Water-Bottom Interface Siltpr. [m TAW]: -13.76
Waterdepth 210 kHz Echo [m TAW]: -13.45
Waterdepth 33 kHz Echo [m TAW]: -13.87
Surface Elevation [m TAW]: 3.52

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.24	17.3	NaN	16
2.29	17.3	11.0	16
1.38	17.3	10.9	18
0.47	17.3	10.9	35
-0.41	17.3	10.9	35
-1.25	17.3	11.2	40
-2.16	17.3	11.8	39
-3.09	17.2	12.0	40
-3.88	17.3	12.1	40
-4.62	17.3	12.2	41
-5.40	17.3	12.2	42
-6.21	17.3	12.2	43
-7.00	17.3	12.2	43
-7.79	17.3	12.1	48
-8.52	17.3	12.1	56
-9.33	17.3	12.3	54
-10.07	17.3	12.3	59
-10.81	17.3	12.3	59
-11.47	17.3	12.4	79
-12.14	17.3	12.5	88
-12.82	17.2	12.5	95
-13.49	17.2	12.6	103
-13.76	17.2	12.6	131
Depth Avg	17.3	11.8	47



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

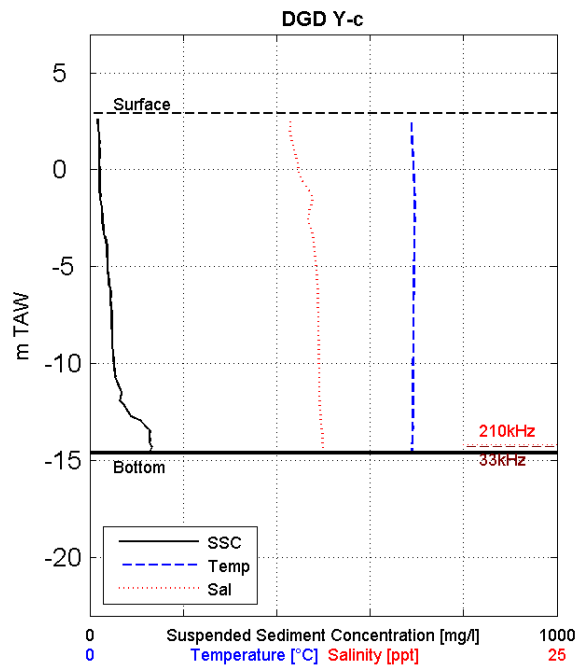
Sourcefile(s):

8041 Yc_ctd.sil

8057 Yc_ctd.sil

Location:

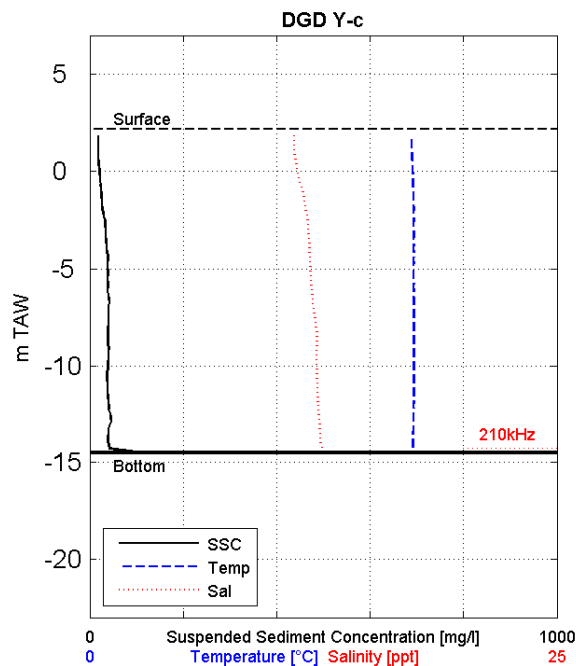
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:23
 Time after/before HT [MET]: 3:13
 Coordinates [UTM-ED50] Easting: 588693
 Coordinates [UTM-ED50] Northing: 5684357
 Water-Bottom Interface Siltpr. [m TAW]: -14.61
 Waterdepth 210 kHz Echo [m TAW]: -14.16
 Waterdepth 33 kHz Echo [m TAW]: -14.26
 Surface Elevation [m TAW]: 2.92

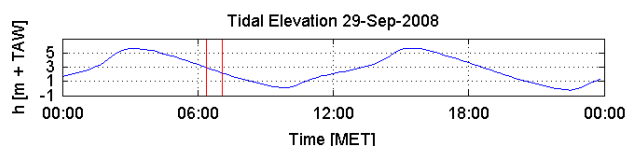
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.64	17.2	NaN	17
1.78	17.3	10.7	19
0.78	17.3	11.0	20
-0.13	17.3	11.2	21
-1.00	17.4	11.7	21
-1.83	17.4	11.8	25
-2.64	17.4	11.7	26
-3.48	17.4	11.9	32
-4.33	17.3	12.0	39
-5.13	17.3	12.1	36
-5.91	17.3	12.2	40
-6.67	17.3	12.2	45
-7.53	17.3	12.2	48
-8.37	17.3	12.2	47
-9.15	17.3	12.2	49
-9.94	17.3	12.3	51
-10.72	17.3	12.3	54
-11.44	17.3	12.3	68
-12.20	17.3	12.3	75
-12.91	17.3	12.3	109
-13.67	17.3	12.4	128
-14.37	17.3	12.5	133
-14.61	17.2	12.5	128
Depth Avg			
	17.3	11.9	47



Siltprofiler

Date & Time [MET]: 29/9/2008 07:04
 Time after/before HT [MET]: 3:54
 Coordinates [UTM-ED50] Easting: 588706
 Coordinates [UTM-ED50] Northing: 5684351
 Water-Bottom Interface Siltpr. [m TAW]: -14.52
 Waterdepth 210 kHz Echo [m TAW]: -14.29
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.18

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.90	17.2	10.9	18
1.04	17.3	10.9	19
0.23	17.2	11.1	20
-0.56	17.3	11.3	22
-1.32	17.3	11.4	25
-2.18	17.3	11.6	30
-3.13	17.3	11.7	32
-4.04	17.3	11.7	36
-4.88	17.3	11.8	36
-5.76	17.3	11.8	40
-6.57	17.3	11.9	41
-7.39	17.3	12.0	38
-8.25	17.3	12.2	39
-9.01	17.3	12.1	40
-9.92	17.3	12.1	37
-10.73	17.3	12.2	36
-11.56	17.3	12.2	38
-12.40	17.3	12.2	41
-13.21	17.3	12.3	41
-13.97	17.3	12.3	40
-14.46	17.3	12.5	46
-14.49	17.3	12.5	47
-14.52	17.3	12.5	258
Depth Avg			
	17.3	11.8	34



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

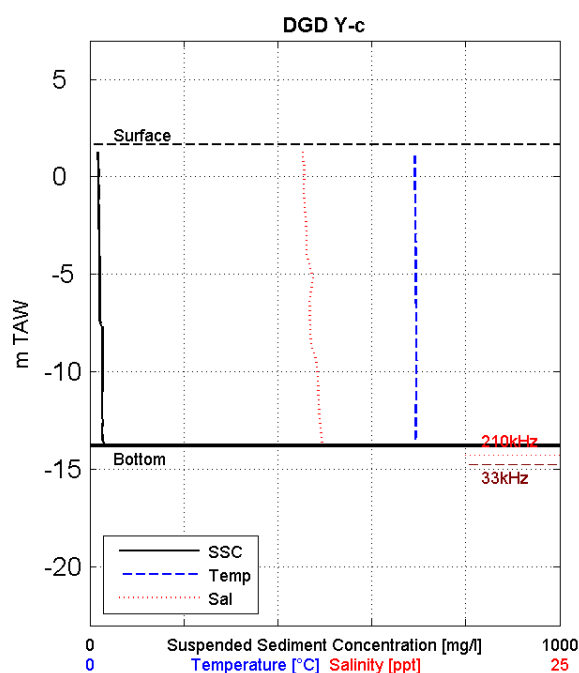
Sourcefile(s):

8072 Yc_ctd.sil

8087 Yc_ctd.sil

Location:

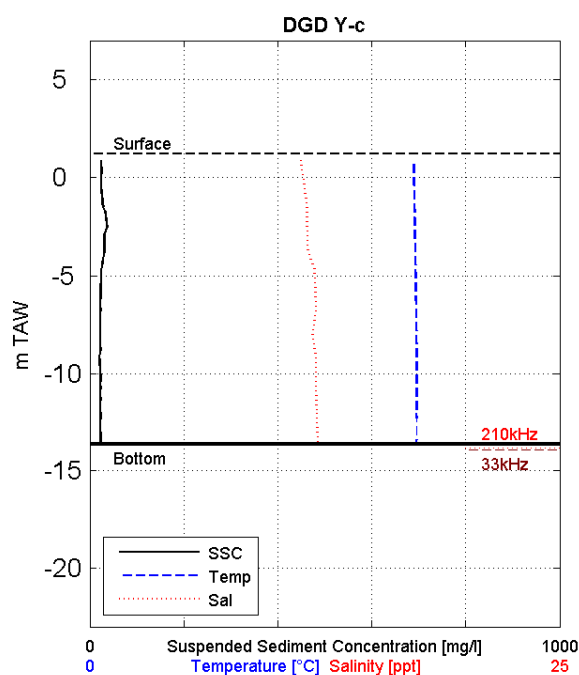
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:34
 Time after/before HT [MET]: 4:24
 Coordinates [UTM-ED50] Easting: 588683
 Coordinates [UTM-ED50] Northing: 5684357
 Water-Bottom Interface Siltpr. [m TAW]: -13.77
 Waterdepth 210 kHz Echo [m TAW]: -14.26
 Waterdepth 33 kHz Echo [m TAW]: -14.75
 Surface Elevation [m TAW]: 1.67

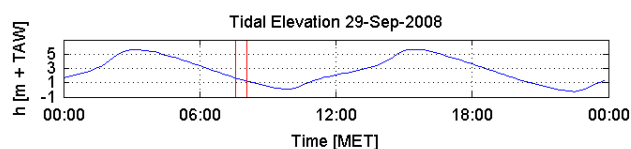
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.36	17.3	NaN	19
0.63	17.3	11.4	19
-0.16	17.3	11.4	17
-0.92	17.3	11.4	18
-1.61	17.3	11.4	17
-2.39	17.3	11.5	19
-3.14	17.3	11.5	18
-3.89	17.3	11.5	21
-4.63	17.3	11.7	21
-5.35	17.3	11.9	19
-6.06	17.3	11.7	22
-6.77	17.3	11.7	23
-7.44	17.4	11.7	21
-8.25	17.4	11.7	29
-8.94	17.3	11.9	27
-9.69	17.4	12.1	29
-10.41	17.4	12.1	28
-11.12	17.4	12.2	26
-11.76	17.4	12.2	23
-12.50	17.3	12.2	27
-13.21	17.3	12.3	25
-13.77	17.3	12.4	36
Depth Avg	17.3	11.7	22



Siltprofiler

Date & Time [MET]: 29/9/2008 08:04
 Time after/before HT [MET]: 4:54
 Coordinates [UTM-ED50] Easting: 588691
 Coordinates [UTM-ED50] Northing: 5684348
 Water-Bottom Interface Siltpr. [m TAW]: -13.66
 Waterdepth 210 kHz Echo [m TAW]: -13.85
 Waterdepth 33 kHz Echo [m TAW]: -13.97
 Surface Elevation [m TAW]: 1.23

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.93	17.2	11.2	23
0.13	17.3	11.3	23
-0.57	17.3	11.4	24
-1.27	17.3	11.5	27
-2.04	17.3	11.6	34
-2.77	17.3	11.6	32
-3.47	17.3	11.6	31
-4.20	17.3	11.8	28
-4.94	17.3	11.9	24
-5.72	17.3	12.0	23
-6.48	17.3	12.0	22
-7.22	17.4	11.9	22
-7.96	17.4	11.8	22
-8.70	17.3	11.9	22
-9.41	17.4	12.0	18
-10.10	17.4	12.0	22
-10.77	17.4	12.0	22
-11.45	17.4	12.0	21
-12.11	17.4	12.1	23
-12.88	17.4	12.1	20
-13.52	17.4	12.1	23
-13.64	17.4	12.1	22
-13.66	17.4	12.1	24
Depth Avg	17.3	11.8	24



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

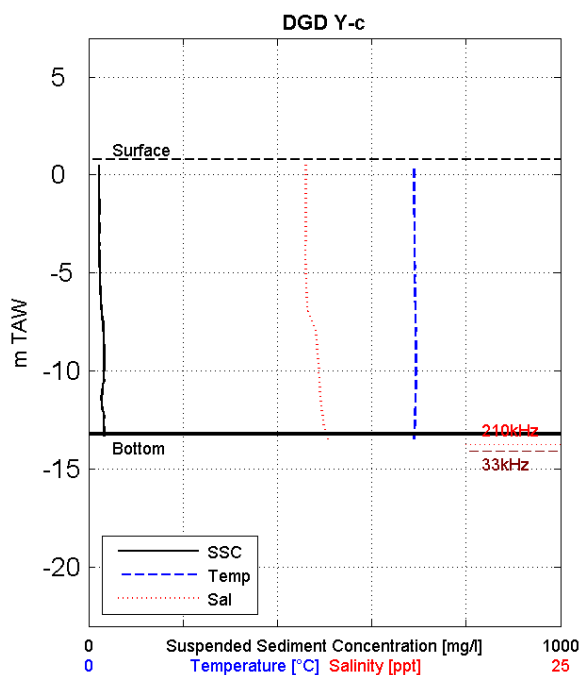
Sourcefile(s):

8102 Yc_ctd.sil

8122 Yc_ctd.sil

Location:

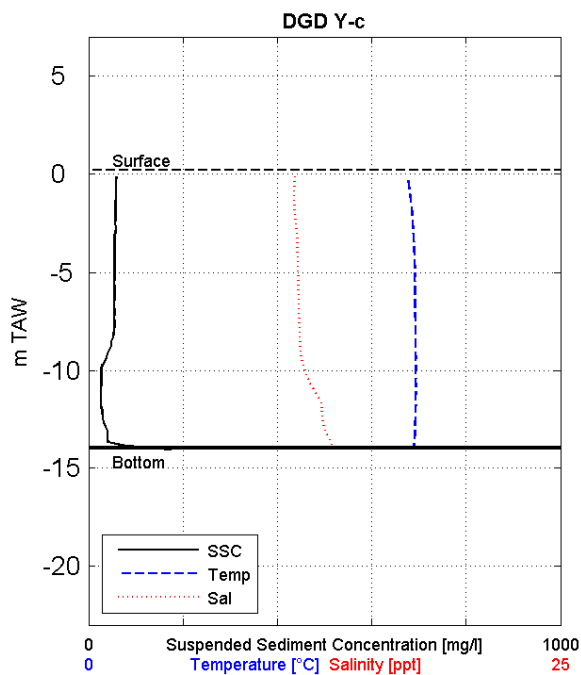
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 08:34
 Time after/before HT [MET]: 5:24
 Coordinates [UTM-ED50] Easting: 588680
 Coordinates [UTM-ED50] Northing: 5684351
 Water-Bottom Interface Siltpr. [m TAW]: -13.24
 Waterdepth 210 kHz Echo [m TAW]: -13.74
 Waterdepth 33 kHz Echo [m TAW]: -14.08
 Surface Elevation [m TAW]: 0.82

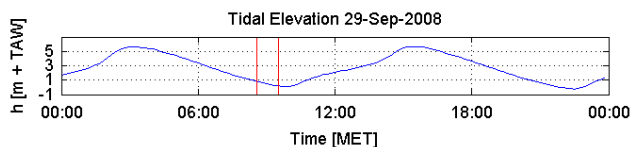
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.52	17.2	11.5	22
-0.05	17.3	11.5	22
-0.68	17.2	11.5	21
-1.32	17.2	11.5	22
-1.94	17.2	11.5	22
-2.56	17.3	11.5	22
-3.17	17.3	11.5	22
-3.78	17.3	11.5	22
-4.35	17.3	11.5	24
-4.91	17.3	11.5	23
-5.53	17.3	11.5	24
-6.14	17.3	11.5	24
-6.78	17.3	11.6	27
-7.44	17.3	11.8	28
-8.16	17.3	12.0	31
-8.85	17.3	12.1	34
-9.56	17.3	12.2	33
-10.29	17.3	12.2	32
-11.03	17.3	12.3	28
-11.69	17.3	12.3	28
-12.31	17.3	12.4	33
-12.98	17.3	12.5	31
-13.24	17.2	12.6	100
Depth Avg			
17.3			
11.8			
26			



Siltprofiler

Date & Time [MET]: 29/9/2008 09:30
 Time after/before HT [MET]: 6:20
 Coordinates [UTM-ED50] Easting: 588703
 Coordinates [UTM-ED50] Northing: 5684351
 Water-Bottom Interface Siltpr. [m TAW]: -14.02
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.21

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.11	16.9	10.9	59
-0.80	17.0	10.9	54
-1.47	17.1	10.9	56
-2.20	17.1	10.9	58
-2.91	17.2	11.0	56
-3.58	17.2	11.0	55
-4.27	17.3	11.1	54
-4.95	17.3	11.1	56
-5.67	17.3	11.1	53
-6.38	17.3	11.1	55
-7.14	17.3	11.1	54
-7.86	17.3	11.2	53
-8.56	17.3	11.2	47
-9.23	17.3	11.2	39
-9.89	17.3	11.4	28
-10.55	17.3	11.7	27
-11.20	17.3	12.0	25
-11.81	17.3	12.3	27
-12.42	17.3	12.4	30
-13.02	17.3	12.5	39
-13.65	17.2	12.8	40
-14.02	17.3	12.9	47
-14.02	17.2	12.9	616
Depth Avg			
17.2			
11.4			
47			



Data Processed by: **IMDC**
 In association with: **WL | delft hydraulics**
 I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

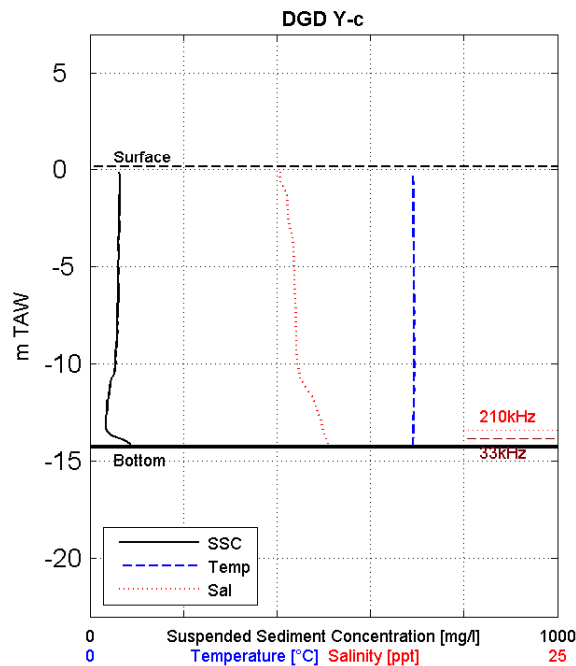
Sourcefile(s):

8137 Yc_ctd.sil

8152 Yc_ctd.sil

Location:

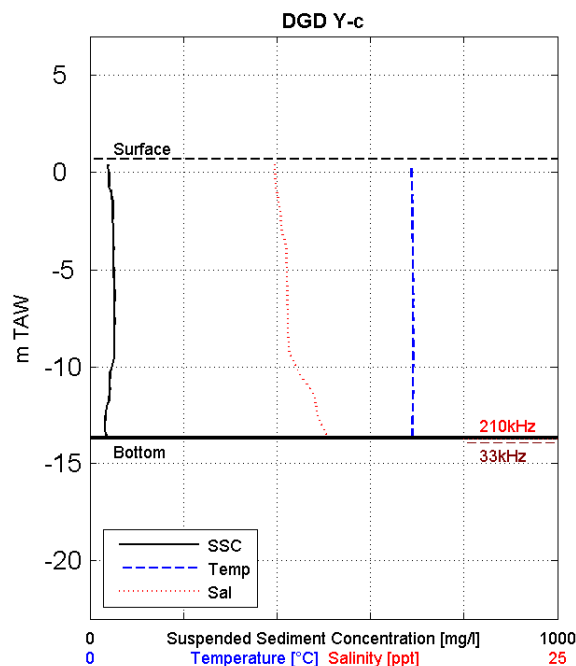
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:03
 Time after/before HT [MET]: 0:13
 Coordinates [UTM-ED50] Easting: 588694
 Coordinates [UTM-ED50] Northing: 5684354
 Water-Bottom Interface Siltpr. [m TAW]: -14.25
 Waterdepth 210 kHz Echo [m TAW]: -13.41
 Waterdepth 33 kHz Echo [m TAW]: -13.85
 Surface Elevation [m TAW]: 0.16

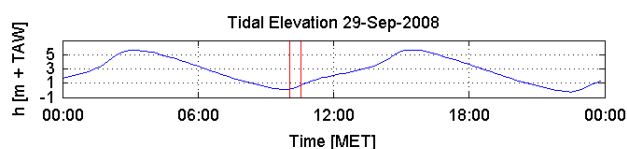
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.12	17.3	10.2	60
-0.73	17.3	10.3	63
-1.34	17.3	10.6	64
-1.93	17.3	10.6	63
-2.60	17.3	10.6	63
-3.29	17.3	10.8	62
-3.97	17.3	10.9	60
-4.68	17.3	10.9	59
-5.37	17.3	10.9	60
-6.07	17.3	10.9	60
-6.73	17.3	11.0	59
-7.41	17.3	11.0	59
-8.01	17.3	11.0	58
-8.67	17.3	11.0	57
-9.28	17.3	11.0	55
-9.97	17.3	11.1	55
-10.54	17.3	11.2	51
-11.17	17.3	11.5	41
-11.82	17.3	11.9	39
-12.46	17.3	12.2	37
-13.19	17.3	12.4	34
-13.88	17.3	12.6	66
-14.25	17.2	12.8	86
Depth Avg	17.3	11.1	55



Siltprofiler

Date & Time [MET]: 29/9/2008 10:34
 Time after/before HT [MET]: 0:44
 Coordinates [UTM-ED50] Easting: 588695
 Coordinates [UTM-ED50] Northing: 5684349
 Water-Bottom Interface Siltpr. [m TAW]: -13.72
 Waterdepth 210 kHz Echo [m TAW]: -13.77
 Waterdepth 33 kHz Echo [m TAW]: -13.94
 Surface Elevation [m TAW]: 0.71

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.42	17.2	9.9	39
-0.29	17.2	9.9	41
-0.89	17.2	9.9	45
-1.52	17.2	10.1	48
-2.21	17.2	10.2	48
-2.88	17.2	10.3	48
-3.56	17.3	10.4	49
-4.21	17.3	10.5	49
-4.94	17.2	10.5	51
-5.55	17.3	10.5	52
-6.25	17.3	10.5	52
-6.91	17.3	10.6	51
-7.60	17.3	10.6	54
-8.26	17.3	10.6	51
-8.94	17.3	10.6	51
-9.61	17.3	10.8	49
-10.30	17.3	11.2	44
-10.99	17.3	11.7	41
-11.65	17.3	12.0	40
-12.39	17.3	12.1	32
-13.15	17.3	12.4	30
-13.66	17.2	12.7	34
-13.72	17.2	12.8	35
Depth Avg	17.2	10.8	46



Data Processed by:



In association with:



wt | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

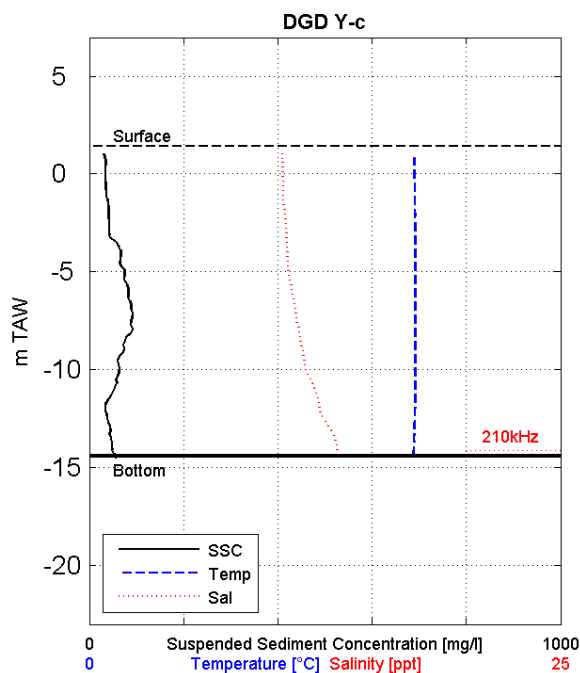
Sourcefile(s):

8167 Yc_ctd.sil

8182 Yc_ctd.sil

Location:

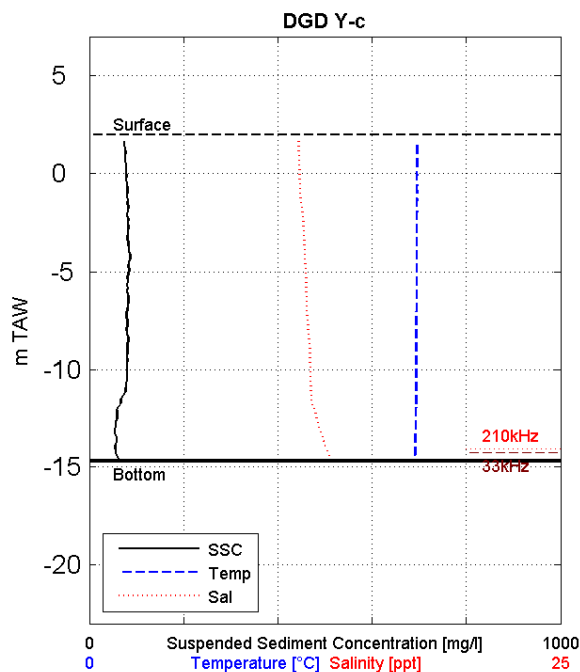
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 11:11
 Time after/before HT [MET]: 1:21
 Coordinates [UTM-ED50] Easting: 588725
 Coordinates [UTM-ED50] Northing: 5684370
 Water-Bottom Interface Siltpr. [m TAW]: -14.42
 Waterdepth 210 kHz Echo [m TAW]: -14.13
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.46

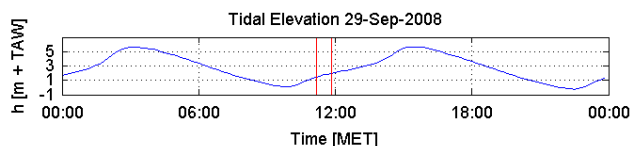
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.18	17.2	NaN	30
0.45	17.3	10.3	35
-0.29	17.3	10.3	33
-0.95	17.3	10.3	36
-1.76	17.3	10.3	40
-2.53	17.3	10.4	43
-3.26	17.3	10.4	45
-3.98	17.3	10.5	67
-4.73	17.3	10.5	66
-5.40	17.3	10.6	71
-6.09	17.3	10.8	85
-6.82	17.3	10.9	88
-7.56	17.3	11.0	87
-8.35	17.3	11.2	77
-9.13	17.3	11.3	69
-9.87	17.3	11.4	63
-10.61	17.3	11.8	56
-11.27	17.3	12.1	47
-12.01	17.3	12.2	34
-12.68	17.2	12.5	42
-13.39	17.2	13.0	43
-14.02	17.2	13.1	49
-14.42	17.1	13.2	55
Depth Avg	17.3	11.1	55



Siltprofiler

Date & Time [MET]: 29/9/2008 11:51
 Time after/before HT [MET]: 2:01
 Coordinates [UTM-ED50] Easting: 588718
 Coordinates [UTM-ED50] Northing: 5684371
 Water-Bottom Interface Siltpr. [m TAW]: -14.70
 Waterdepth 210 kHz Echo [m TAW]: -14.12
 Waterdepth 33 kHz Echo [m TAW]: -14.28
 Surface Elevation [m TAW]: 1.99

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.69	17.4	11.1	72
1.27	17.4	11.1	74
0.93	17.4	11.1	76
0.34	17.4	11.1	77
-0.43	17.4	11.1	81
-1.31	17.4	11.2	82
-2.09	17.4	11.3	79
-2.95	17.4	11.4	81
-3.76	17.4	11.4	83
-4.70	17.4	11.4	82
-5.49	17.4	11.5	80
-6.40	17.3	11.5	83
-7.23	17.3	11.5	77
-8.12	17.3	11.6	79
-9.00	17.4	11.7	80
-9.84	17.3	11.7	79
-10.67	17.3	11.7	77
-11.51	17.3	11.8	68
-12.32	17.3	12.0	60
-13.18	17.3	12.3	53
-14.01	17.3	12.6	52
-14.63	17.3	12.9	62
-14.70	17.3	12.9	61
Depth Avg	17.3	11.6	76



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

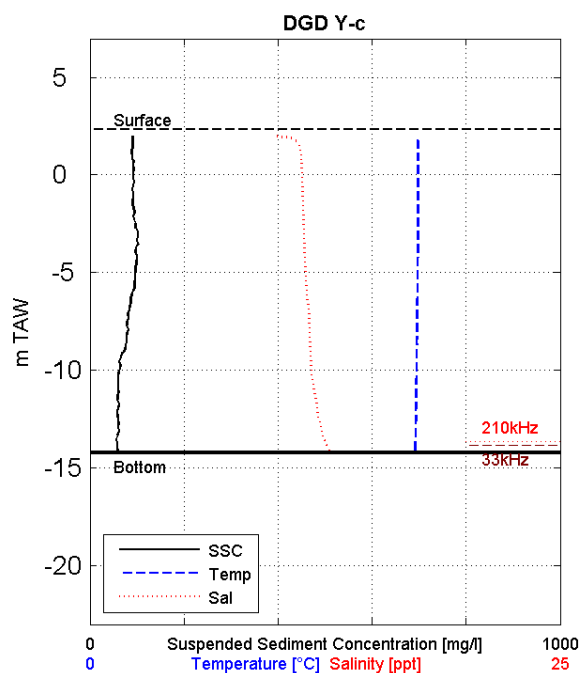
Sourcefile(s):

8197 Yc_ctd.sil

8217 Yc_ctd.sil

Location:

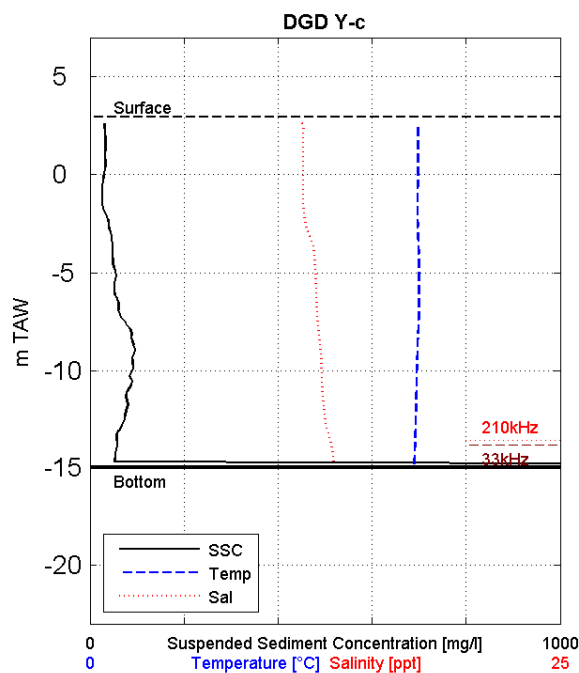
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:26
 Time after/before HT [MET]: 2:36
 Coordinates [UTM-ED50] Easting: 588699
 Coordinates [UTM-ED50] Northing: 5684343
 Water-Bottom Interface Siltpr. [m TAW]: -14.23
 Waterdepth 210 kHz Echo [m TAW]: -13.65
 Waterdepth 33 kHz Echo [m TAW]: -13.85
 Surface Elevation [m TAW]: 2.36

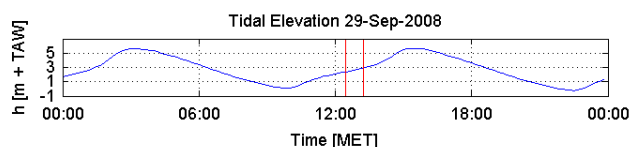
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.04	17.4	9.8	91
1.30	17.4	11.2	89
0.64	17.4	11.2	93
-0.08	17.4	11.3	92
-0.91	17.4	11.3	93
-1.73	17.4	11.3	93
-2.54	17.4	11.3	97
-3.40	17.4	11.4	101
-4.20	17.4	11.4	100
-4.94	17.4	11.4	97
-5.71	17.4	11.5	94
-6.52	17.4	11.6	88
-7.31	17.4	11.6	82
-8.09	17.4	11.7	79
-8.87	17.4	11.7	75
-9.74	17.4	11.7	65
-10.57	17.3	11.8	57
-11.43	17.3	12.0	58
-12.24	17.3	12.1	58
-13.08	17.3	12.3	62
-13.91	17.3	12.6	58
-14.21	17.2	12.8	147
-14.23	17.3	12.8	614
Depth Avg	17.4	11.6	81



Siltprofiler

Date & Time [MET]: 29/9/2008 13:14
 Time after/before HT [MET]: 3:24
 Coordinates [UTM-ED50] Easting: 588695
 Coordinates [UTM-ED50] Northing: 5684352
 Water-Bottom Interface Siltpr. [m TAW]: -15.03
 Waterdepth 210 kHz Echo [m TAW]: -13.64
 Waterdepth 33 kHz Echo [m TAW]: -13.88
 Surface Elevation [m TAW]: 2.92

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.64	17.4	11.3	31
1.71	17.4	11.3	32
0.82	17.4	11.3	32
-0.19	17.4	11.3	28
-1.10	17.4	11.3	26
-2.05	17.4	11.4	35
-2.94	17.4	11.6	43
-3.87	17.5	11.9	45
-4.78	17.5	12.0	51
-5.71	17.5	12.0	50
-6.58	17.5	12.0	63
-7.49	17.4	12.1	76
-8.47	17.4	12.2	91
-9.40	17.4	12.3	90
-10.36	17.3	12.3	81
-11.27	17.3	12.4	76
-12.25	17.3	12.5	76
-13.19	17.3	12.6	58
-14.17	17.3	12.9	57
-14.91	17.2	13.0	109
-14.95	17.2	13.0	4976
-14.98	17.2	13.0	4096
-15.03	17.2	13.0	3462
Depth Avg	17.4	12.0	83



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

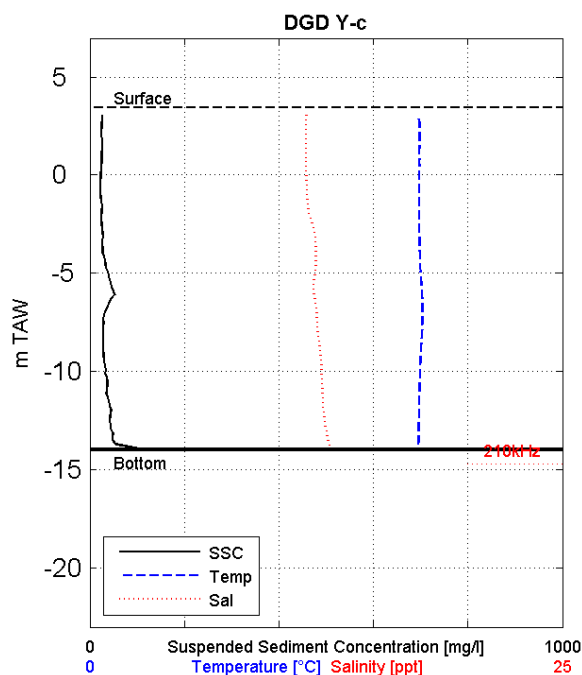
Sourcefile(s):

8232 Yc_ctd.sil

8247 Yc_ctd.sil

Location:

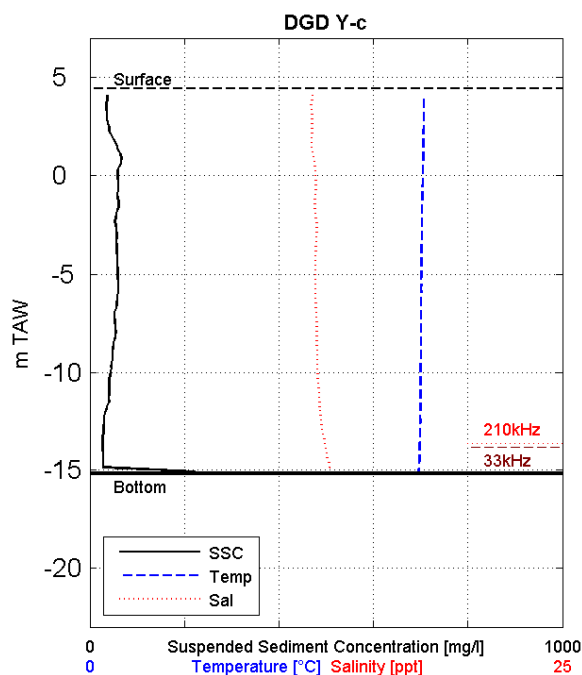
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:49
 Time after/before HT [MET]: 3:59
 Coordinates [UTM-ED50] Easting: 588711
 Coordinates [UTM-ED50] Northing: 5684336
 Water-Bottom Interface Siltpr. [m TAW]: -13.98
 Waterdepth 210 kHz Echo [m TAW]: -14.71
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.45

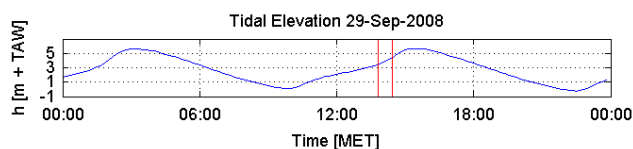
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.16	17.4	11.4	26
2.36	17.4	11.4	23
1.46	17.4	11.4	24
0.67	17.4	11.4	24
-0.12	17.4	11.4	23
-0.87	17.4	11.5	21
-1.71	17.4	11.5	24
-2.84	17.4	11.9	27
-3.56	17.4	11.9	26
-4.34	17.4	12.0	31
-5.01	17.5	11.9	37
-5.86	17.6	11.8	48
-6.63	17.6	11.9	37
-7.46	17.6	12.0	27
-8.32	17.5	12.1	28
-9.14	17.5	12.2	28
-9.94	17.4	12.2	33
-10.73	17.4	12.3	37
-11.57	17.4	12.3	41
-12.47	17.4	12.4	40
-13.24	17.4	12.5	49
-13.97	17.4	12.7	65
-13.98	17.4	12.7	66
Depth Avg	17.4	11.9	32



Siltprofiler

Date & Time [MET]: 29/9/2008 14:25
 Time after/before HT [MET]: 4:35
 Coordinates [UTM-ED50] Easting: 588697
 Coordinates [UTM-ED50] Northing: 5684349
 Water-Bottom Interface Siltpr. [m TAW]: -15.18
 Waterdepth 210 kHz Echo [m TAW]: -13.65
 Waterdepth 33 kHz Echo [m TAW]: -13.84
 Surface Elevation [m TAW]: 4.43

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.14	17.6	11.8	36
3.15	17.6	11.7	36
2.20	17.6	11.7	40
1.21	17.6	11.8	63
0.28	17.6	11.9	56
-0.71	17.6	11.9	59
-1.66	17.6	11.9	59
-2.74	17.5	12.0	54
-3.76	17.5	11.9	56
-4.76	17.6	11.9	58
-5.74	17.5	11.9	57
-6.66	17.5	11.9	56
-7.64	17.5	12.0	54
-8.59	17.5	12.0	49
-9.51	17.5	12.0	44
-10.56	17.5	12.1	43
-11.60	17.5	12.1	37
-12.58	17.5	12.2	30
-13.58	17.4	12.4	27
-14.54	17.4	12.6	26
-15.09	17.4	NaN	79
-15.13	17.4	NaN	82
-15.18	17.4	NaN	239
Depth Avg	17.5	12.0	48



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

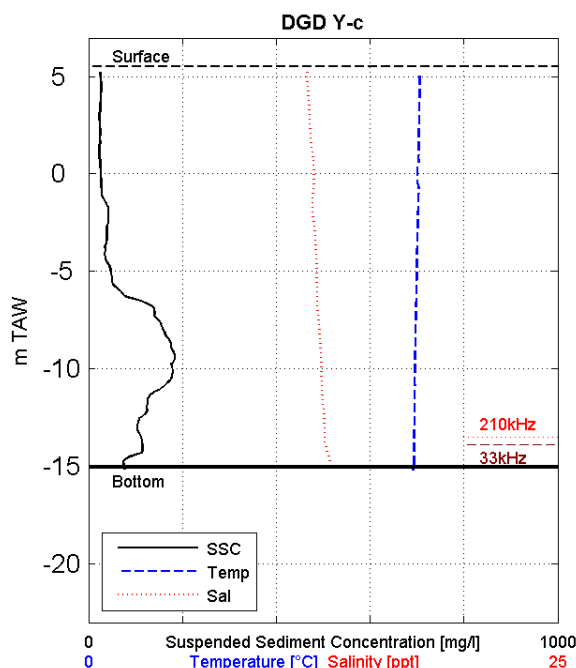
Sourcefile(s):

8262 Yc_ctd.sil

8277 Yc_ctd.sil

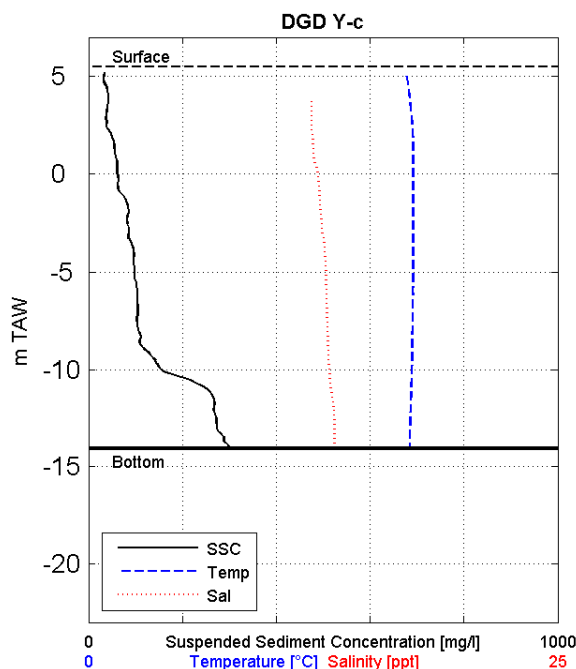
Location:

Deurganckdok



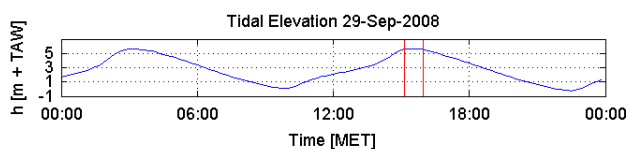
Siltprofiler
 Date & Time [MET]: 29/9/2008 15:08
 Time after/before HT [MET]: 5:18
 Coordinates [UTM-ED50] Easting: 588693
 Coordinates [UTM-ED50] Northing: 5684342
 Water-Bottom Interface Siltpr. [m TAW]: -15.06
 Waterdepth 210 kHz Echo [m TAW]: -13.53
 Waterdepth 33 kHz Echo [m TAW]: -13.87
 Surface Elevation [m TAW]: 5.55

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.27	17.6	11.6	24
4.48	17.6	11.7	28
3.63	17.6	11.7	25
2.71	17.6	11.8	22
1.71	17.6	11.8	25
0.75	17.6	12.0	23
-0.23	17.5	12.0	26
-1.34	17.5	11.9	32
-2.40	17.5	12.0	41
-3.36	17.5	12.1	41
-4.36	17.5	12.1	37
-5.40	17.4	12.2	49
-6.23	17.4	12.2	72
-7.12	17.4	12.2	137
-8.08	17.4	12.3	163
-9.11	17.4	12.4	184
-10.09	17.4	12.4	183
-11.05	17.3	12.4	152
-11.91	17.3	12.5	124
-12.81	17.3	12.5	105
-13.77	17.3	12.6	115
-14.71	17.3	12.8	72
-15.06	17.3	NaN	79
Depth Avg	17.5	12.1	77



Siltprofiler
 Date & Time [MET]: 29/9/2008 15:58
 Time after/before HT [MET]: 6:08
 Coordinates [UTM-ED50] Easting: 588685
 Coordinates [UTM-ED50] Northing: 5684353
 Water-Bottom Interface Siltpr. [m TAW]: -14.08
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 5.51

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.23	16.9	NaN	33
4.13	17.1	NaN	40
3.20	17.2	11.9	39
2.33	17.3	11.9	39
1.43	17.3	11.9	55
0.50	17.3	12.1	60
-0.52	17.3	12.3	62
-1.49	17.3	12.3	82
-2.50	17.3	12.4	82
-3.47	17.3	12.5	92
-4.39	17.3	12.6	94
-5.24	17.3	12.6	96
-6.16	17.3	12.6	103
-7.10	17.3	12.7	105
-7.99	17.2	12.7	105
-8.90	17.2	12.8	117
-9.76	17.2	12.8	144
-10.67	17.2	12.9	227
-11.53	17.2	13.0	266
-12.43	17.2	13.1	272
-13.30	17.1	13.1	279
-13.98	17.1	NaN	301
-14.08	17.1	NaN	303
Depth Avg	17.2	12.5	115



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

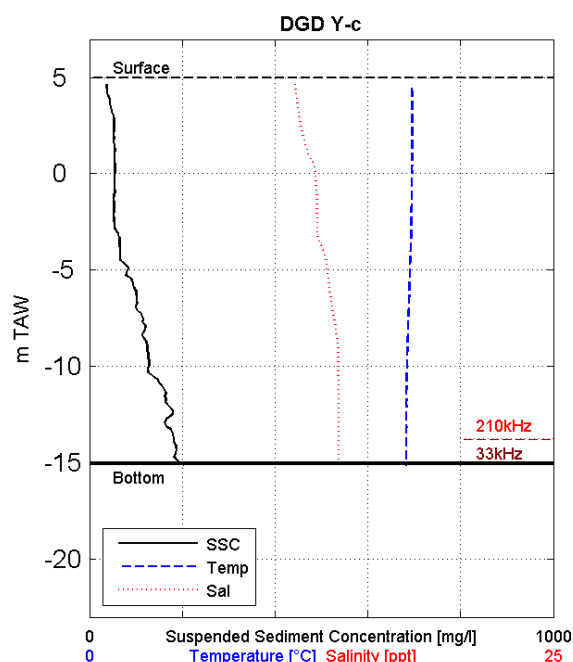
SiltProfiler & CTD-Diver

Sourcefile(s):

8292 Yc_ctd.sil
8307 Yc_ctd.sil

Location:

Deurganckdok

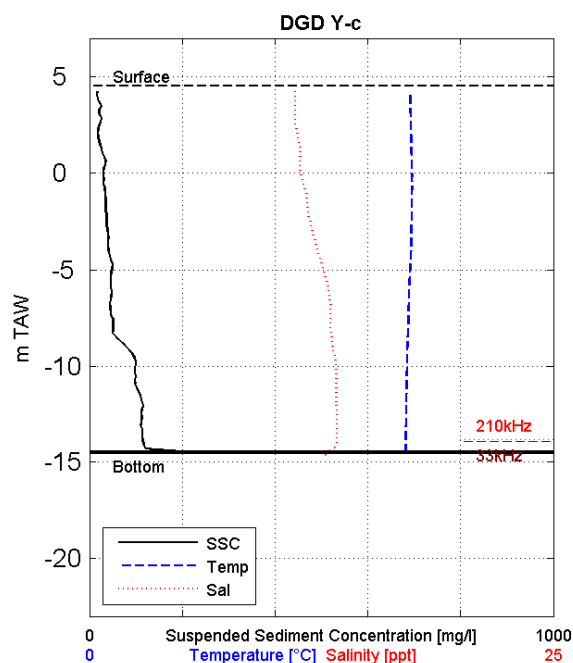


Siltprofiler

Date & Time [MET]: 29/9/2008 16:34
Time after/before HT [MET]: 6:44
Coordinates [UTM-ED50] Easting: 588683
Coordinates [UTM-ED50] Northing: 5684345
Water-Bottom Interface Siltpr. [m TAW]: -15.05
Waterdepth 210 kHz Echo [m TAW]: -13.76
Waterdepth 33 kHz Echo [m TAW]: -13.81
Surface Elevation [m TAW]: 5.01

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.73	17.4	11.1	36
3.87	17.4	11.2	44
3.04	17.4	11.3	52
2.13	17.4	11.5	51
1.22	17.4	11.7	55
0.21	17.4	12.1	53
-0.80	17.3	12.2	54
-1.71	17.3	12.2	49
-2.62	17.3	12.3	53
-3.53	17.3	12.4	67
-4.41	17.3	12.7	65
-5.41	17.2	12.9	87
-6.28	17.2	13.0	100
-7.09	17.2	13.1	103
-7.95	17.2	13.3	121
-8.95	17.1	13.4	122
-9.97	17.1	13.4	125
-10.82	17.1	13.4	146
-11.64	17.1	13.4	163
-12.49	17.1	13.4	179
-13.50	17.1	13.4	179
-14.61	17.0	13.4	182
-15.05	17.1	NaN	223

Depth Avg 17.2 12.6 96

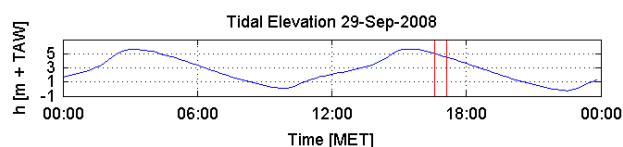


Siltprofiler

Date & Time [MET]: 29/9/2008 17:06
Time after/before HT [MET]: 7:16
Coordinates [UTM-ED50] Easting: 588685
Coordinates [UTM-ED50] Northing: 5684357
Water-Bottom Interface Siltpr. [m TAW]: -14.54
Waterdepth 210 kHz Echo [m TAW]: -13.83
Waterdepth 33 kHz Echo [m TAW]: -13.95
Surface Elevation [m TAW]: 4.51

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.22	17.3	11.1	16
3.36	17.3	11.1	19
2.37	17.3	11.1	19
1.49	17.3	11.3	22
0.51	17.3	11.3	34
-0.48	17.4	11.5	30
-1.53	17.3	11.7	34
-2.45	17.4	11.9	36
-3.36	17.3	12.1	39
-4.26	17.3	12.4	41
-5.07	17.3	12.6	46
-5.91	17.2	12.8	45
-6.74	17.2	13.0	43
-7.60	17.2	12.9	53
-8.49	17.1	13.0	57
-9.43	17.1	13.2	95
-10.28	17.1	13.3	98
-11.17	17.1	13.3	101
-12.06	17.1	13.3	116
-12.92	17.1	13.3	111
-13.70	17.1	13.3	113
-14.54	17.0	12.8	685
-14.54	17.0	12.8	685

Depth Avg 17.2 12.4 57



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

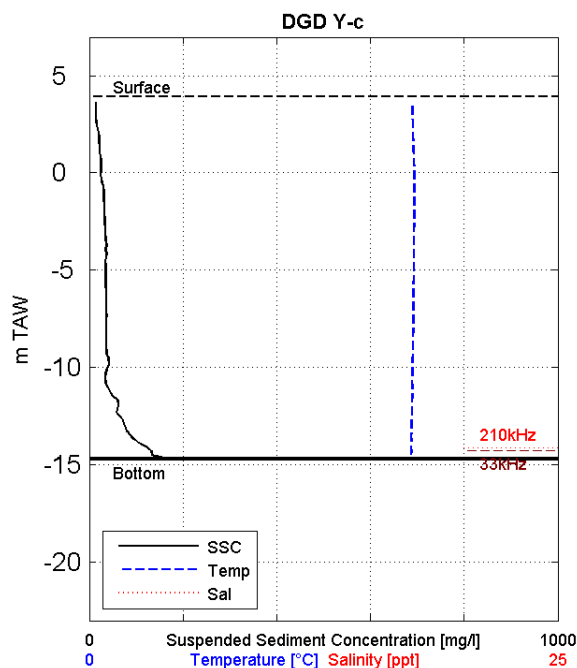
SiltProfiler & CTD-Diver

Sourcefile(s):

8322 Yc_ctd.sil

Location:

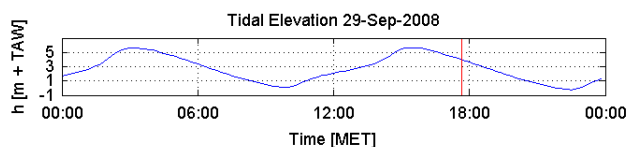
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:40
 Time after/before HT [MET]: 7:50
 Coordinates [UTM-ED50] Easting: 588705
 Coordinates [UTM-ED50] Northing: 5684351
 Water-Bottom Interface Siltpr. [m TAW]: -14.73
 Waterdepth 210 kHz Echo [m TAW]: -14.15
 Waterdepth 33 kHz Echo [m TAW]: -14.26
 Surface Elevation [m TAW]: 3.93

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.64	17.2	NaN	14
2.75	17.2	NaN	15
1.87	17.3	NaN	21
0.93	17.3	NaN	22
-0.06	17.3	NaN	23
-0.99	17.4	NaN	31
-1.89	17.3	NaN	30
-2.73	17.3	NaN	30
-3.64	17.3	NaN	37
-4.47	17.3	NaN	34
-5.36	17.3	NaN	34
-6.25	17.3	NaN	36
-7.11	17.3	NaN	36
-7.97	17.3	NaN	34
-8.88	17.3	NaN	35
-9.74	17.2	NaN	40
-10.57	17.2	NaN	33
-11.46	17.2	NaN	47
-12.31	17.2	NaN	58
-13.10	17.2	NaN	78
-13.89	17.2	NaN	106
-14.63	17.2	NaN	142
-14.73	17.1	NaN	158
Depth Avg	17.3	NaN	40



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

F.9 Location Yd

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

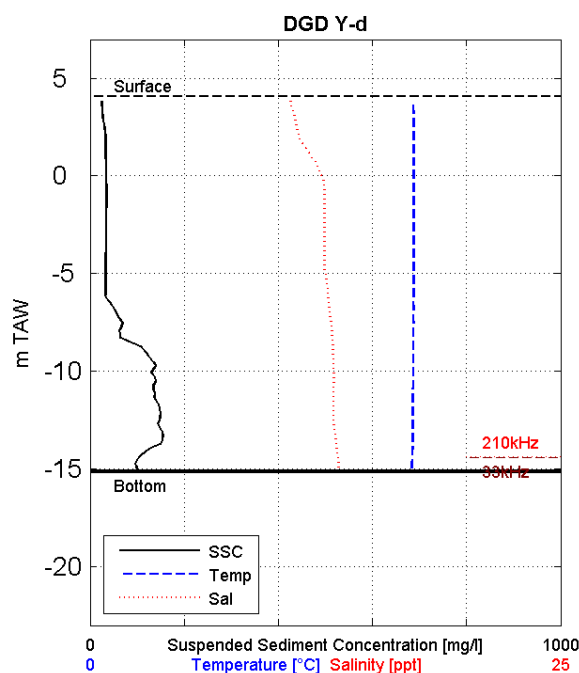
Sourcefile(s):

8012 Yd_ctd.sil

8027 Yd_ctd.sil

Location:

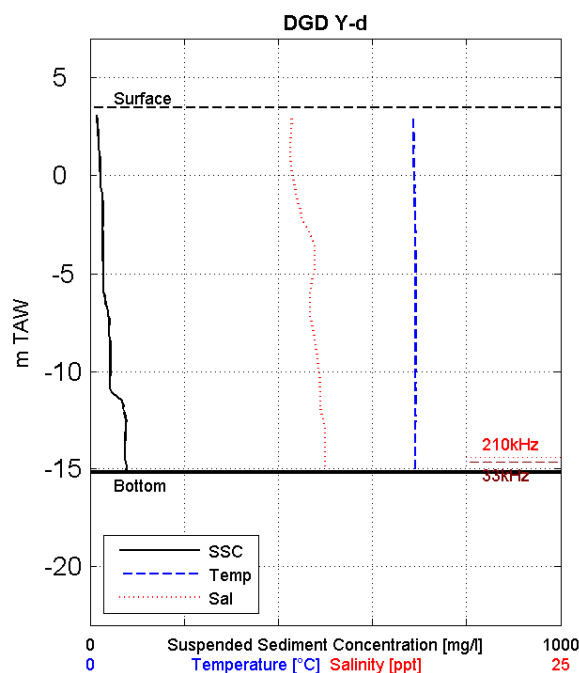
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:16
Time after/before HT [MET]: 2:06
Coordinates [UTM-ED50] Easting: 588769
Coordinates [UTM-ED50] Northing: 5684448
Water-Bottom Interface Siltpr. [m TAW]: -15.16
Waterdepth 210 kHz Echo [m TAW]: -14.35
Waterdepth 33 kHz Echo [m TAW]: -14.44
Surface Elevation [m TAW]: 4.11

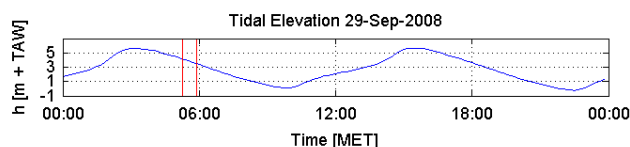
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.83	17.1	10.6	24
2.97	17.2	10.9	27
2.12	17.2	11.1	31
1.25	17.2	11.6	33
0.34	17.2	12.1	34
-0.57	17.2	12.4	36
-1.59	17.2	12.5	34
-2.50	17.2	12.5	35
-3.39	17.2	12.5	32
-4.33	17.2	12.4	33
-5.31	17.2	12.5	35
-6.22	17.2	12.7	33
-7.13	17.2	12.7	60
-8.06	17.2	12.9	63
-8.95	17.1	12.9	116
-9.93	17.1	12.9	132
-10.88	17.1	12.9	133
-11.89	17.1	12.9	148
-12.83	17.2	13.0	146
-13.79	17.1	13.1	143
-14.75	17.1	13.2	95
-15.11	17.1	NaN	103
-15.16	17.1	NaN	103
Depth Avg	17.2	12.4	69



Siltprofiler

Date & Time [MET]: 29/9/2008 05:53
Time after/before HT [MET]: 2:43
Coordinates [UTM-ED50] Easting: 588768
Coordinates [UTM-ED50] Northing: 5684452
Water-Bottom Interface Siltpr. [m TAW]: -15.18
Waterdepth 210 kHz Echo [m TAW]: -14.44
Waterdepth 33 kHz Echo [m TAW]: -14.66
Surface Elevation [m TAW]: 3.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.19	17.1	NaN	13
2.40	17.1	10.7	16
1.59	17.2	10.6	18
0.66	17.2	10.6	22
-0.31	17.2	10.8	19
-1.27	17.2	11.0	28
-2.19	17.2	11.3	26
-3.13	17.3	11.8	27
-4.06	17.3	11.9	26
-4.98	17.3	11.9	25
-5.83	17.3	11.7	26
-6.77	17.3	11.7	35
-7.58	17.3	11.8	40
-8.42	17.3	11.9	42
-9.32	17.3	12.1	44
-10.19	17.3	12.2	43
-11.14	17.3	12.2	48
-12.10	17.3	12.3	73
-12.99	17.3	12.5	75
-13.84	17.3	12.5	73
-14.63	17.3	12.5	75
-15.18	17.3	NaN	77
Depth Avg	17.2	11.6	38



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

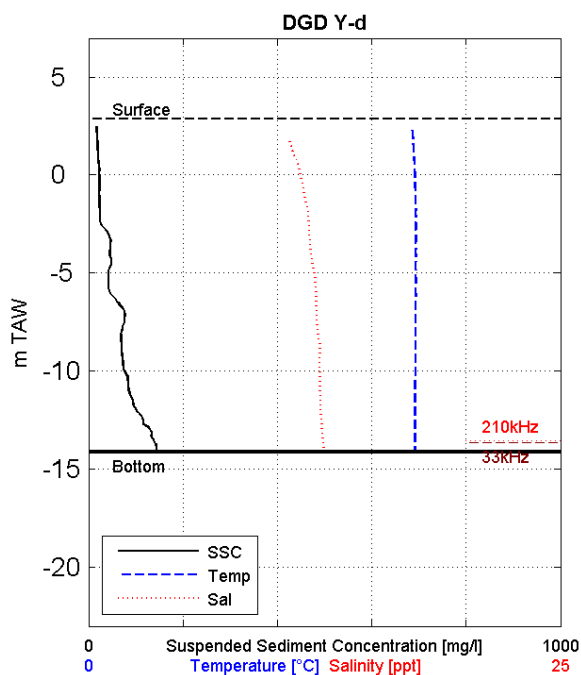
Sourcefile(s):

8042 Yd_ctd.sil

8058 Yd_ctd.sil

Location:

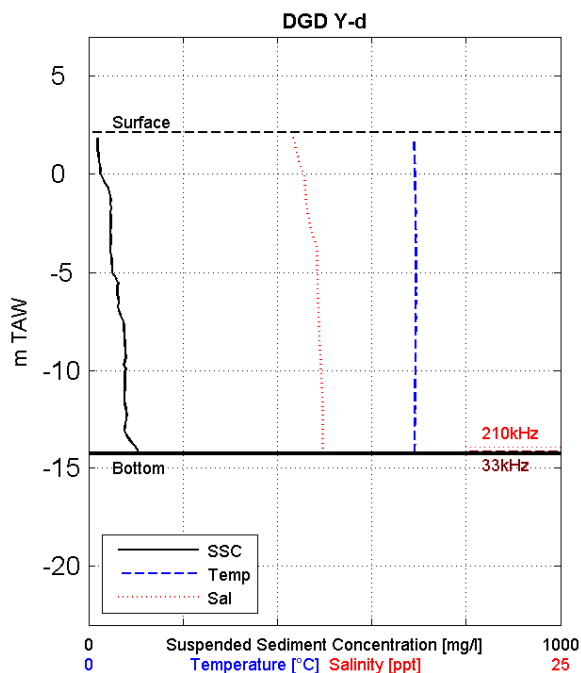
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:25
Time after/before HT [MET]: 3:15
Coordinates [UTM-ED50] Easting: 588776
Coordinates [UTM-ED50] Northing: 5684438
Water-Bottom Interface Siltpr. [m TAW]: -14.13
Waterdepth 210 kHz Echo [m TAW]: -13.54
Waterdepth 33 kHz Echo [m TAW]: -13.65
Surface Elevation [m TAW]: 2.88

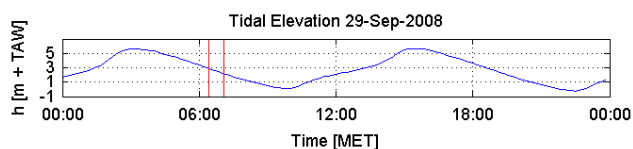
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.57	17.1	NaN	17
1.64	17.2	10.7	20
0.74	17.2	11.0	20
-0.12	17.3	11.2	23
-0.89	17.3	11.4	22
-1.70	17.3	11.6	21
-2.53	17.3	11.7	26
-3.40	17.3	11.7	47
-4.26	17.3	11.8	47
-5.17	17.3	12.0	42
-6.15	17.3	12.1	49
-7.01	17.3	12.1	77
-7.89	17.3	12.1	70
-8.71	17.3	12.2	71
-9.47	17.3	12.2	73
-10.28	17.3	12.2	83
-11.04	17.3	12.3	85
-11.88	17.3	12.3	99
-12.69	17.3	12.3	114
-13.55	17.3	12.4	141
-14.04	17.3	12.5	146
-14.08	17.3	12.5	146
-14.13	17.3	12.4	137
Depth Avg			
17.3 11.8 57			



Siltprofiler

Date & Time [MET]: 29/9/2008 07:05
Time after/before HT [MET]: 3:55
Coordinates [UTM-ED50] Easting: 588731
Coordinates [UTM-ED50] Northing: 5684431
Water-Bottom Interface Siltpr. [m TAW]: -14.30
Waterdepth 210 kHz Echo [m TAW]: -13.93
Waterdepth 33 kHz Echo [m TAW]: -14.16
Surface Elevation [m TAW]: 2.15

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.87	17.2	10.8	19
1.08	17.3	11.0	20
0.33	17.3	11.3	24
-0.51	17.3	11.4	35
-1.34	17.3	11.5	47
-2.09	17.3	11.6	48
-2.89	17.3	11.8	45
-3.59	17.3	12.1	47
-4.45	17.3	12.1	49
-5.15	17.3	12.1	54
-5.90	17.3	12.1	60
-6.66	17.3	12.1	62
-7.47	17.3	12.2	74
-8.21	17.3	12.2	75
-9.01	17.3	12.3	79
-9.80	17.3	12.3	77
-10.54	17.3	12.3	77
-11.32	17.3	12.4	74
-12.09	17.3	12.4	80
-12.82	17.3	12.4	76
-13.51	17.3	12.4	85
-14.15	17.3	12.4	104
-14.30	17.3	12.4	104
Depth Avg			
17.3 12.0 58			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

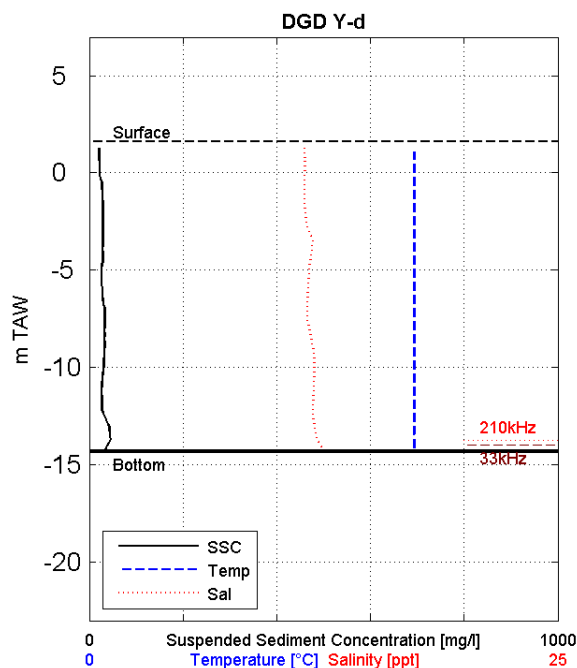
SiltProfiler & CTD-Diver

Sourcefile(s):

8073 Yd_ctd.sil
8088 Yd_ctd.sil

Location:

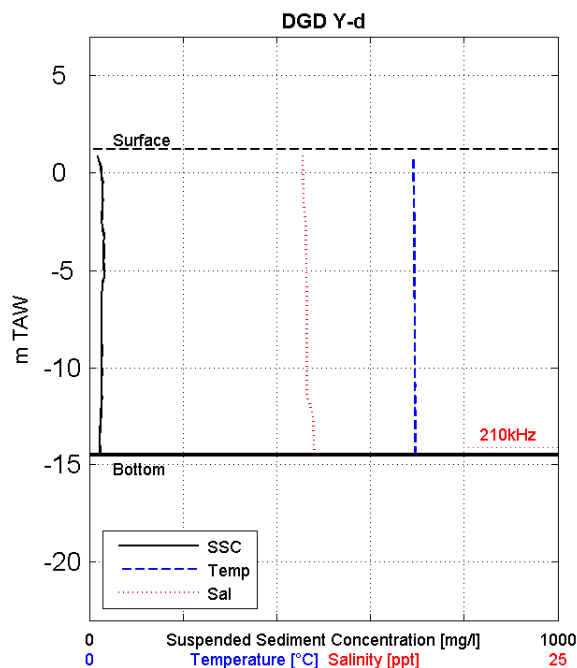
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:35
Time after/before HT [MET]: 4:25
Coordinates [UTM-ED50] Easting: 588732
Coordinates [UTM-ED50] Northing: 5684427
Water-Bottom Interface Siltpr. [m TAW]: -14.30
Waterdepth 210 kHz Echo [m TAW]: -13.77
Waterdepth 33 kHz Echo [m TAW]: -13.98
Surface Elevation [m TAW]: 1.64

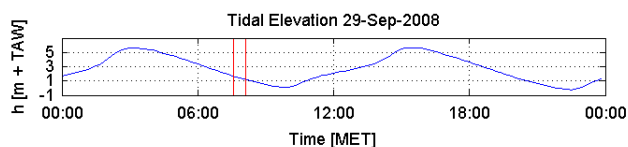
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.36	17.3	NaN	20
0.59	17.3	11.5	21
-0.16	17.3	11.5	22
-0.90	17.3	11.4	27
-1.61	17.3	11.5	28
-2.37	17.3	11.5	28
-3.16	17.3	11.8	29
-3.88	17.3	11.9	28
-4.62	17.4	11.8	27
-5.33	17.3	11.7	25
-6.09	17.4	11.7	27
-6.85	17.3	11.6	32
-7.54	17.3	11.6	33
-8.28	17.3	11.8	32
-9.03	17.3	11.9	32
-9.78	17.3	12.0	30
-10.54	17.4	12.0	27
-11.25	17.3	11.9	25
-12.04	17.3	11.9	27
-12.82	17.3	12.0	38
-13.63	17.3	12.2	45
-14.30	17.3	12.5	35
Depth Avg	17.3	11.8	29



Siltprofiler

Date & Time [MET]: 29/9/2008 08:06
Time after/before HT [MET]: 4:56
Coordinates [UTM-ED50] Easting: 588734
Coordinates [UTM-ED50] Northing: 5684433
Water-Bottom Interface Siltpr. [m TAW]: -14.55
Waterdepth 210 kHz Echo [m TAW]: -14.16
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 1.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.90	17.3	11.4	18
0.04	17.3	11.4	25
-0.87	17.3	11.4	30
-1.66	17.3	11.4	27
-2.44	17.3	11.5	26
-3.23	17.3	11.5	30
-4.06	17.3	11.5	30
-4.92	17.3	11.5	30
-5.86	17.3	11.6	27
-6.67	17.4	11.6	23
-7.55	17.3	11.6	26
-8.41	17.3	11.6	24
-9.25	17.3	11.6	26
-10.11	17.4	11.6	27
-10.90	17.4	11.6	24
-11.78	17.4	11.7	24
-12.62	17.4	11.9	22
-13.50	17.4	11.9	22
-14.33	17.4	12.0	22
-14.46	17.4	12.0	23
-14.48	17.4	12.0	23
-14.51	17.4	12.0	23
-14.55	17.4	12.0	24
Depth Avg	17.3	11.6	26



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

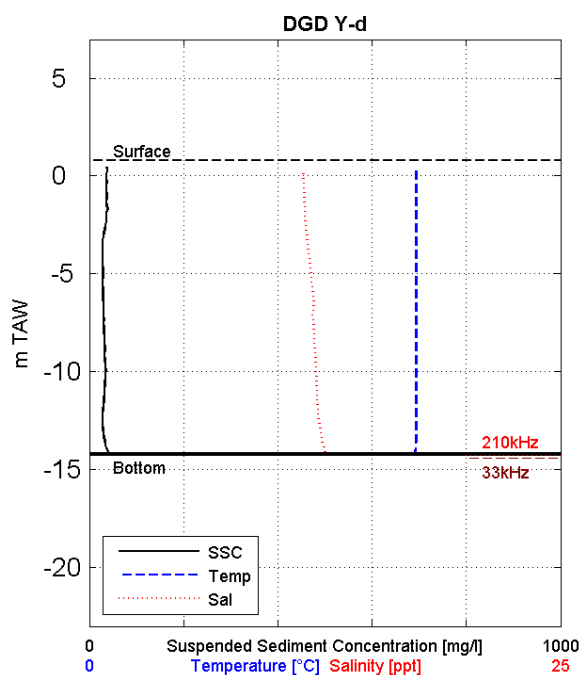
Sourcefile(s):

8103 Yd_ctd.sil

8123 Yd_ctd.sil

Location:

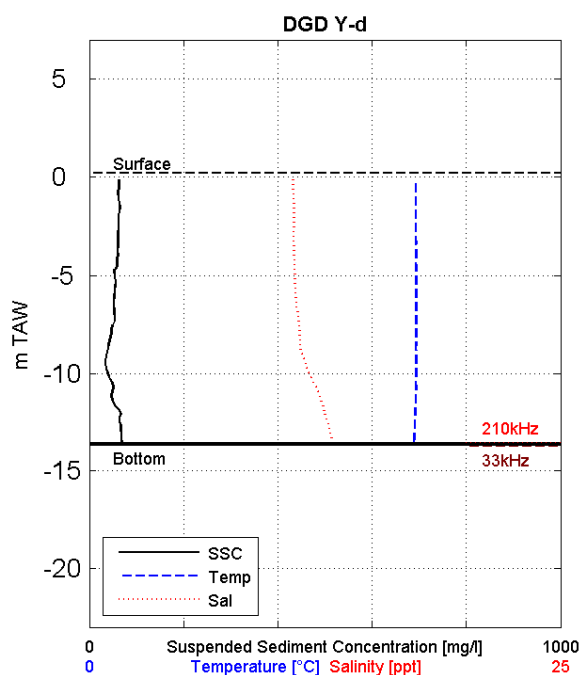
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 08:35
 Time after/before HT [MET]: 5:25
 Coordinates [UTM-ED50] Easting: 588746
 Coordinates [UTM-ED50] Northing: 5684435
 Water-Bottom Interface Siltpr. [m TAW]: -14.22
 Waterdepth 210 kHz Echo [m TAW]: -14.28
 Waterdepth 33 kHz Echo [m TAW]: -14.42
 Surface Elevation [m TAW]: 0.80

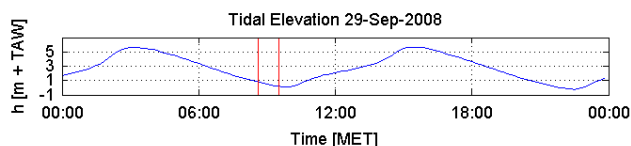
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.48	17.3	NaN	36
-0.21	17.3	11.4	36
-0.88	17.3	11.4	36
-1.57	17.3	11.4	37
-2.20	17.3	11.4	36
-2.89	17.3	11.5	30
-3.53	17.3	11.6	28
-4.24	17.4	11.7	28
-4.91	17.4	11.7	28
-5.60	17.3	11.8	24
-6.30	17.3	11.9	28
-6.97	17.4	11.9	31
-7.70	17.3	11.9	30
-8.35	17.3	11.9	30
-9.06	17.4	12.0	32
-9.72	17.3	12.0	33
-10.38	17.3	12.0	34
-11.08	17.3	12.1	31
-11.78	17.3	12.1	31
-12.47	17.3	12.2	28
-13.21	17.3	12.3	28
-13.90	17.3	12.4	36
-14.22	17.3	12.5	41
Depth Avg	17.3	11.8	32



Siltprofiler

Date & Time [MET]: 29/9/2008 09:32
 Time after/before HT [MET]: 6:22
 Coordinates [UTM-ED50] Easting: 588729
 Coordinates [UTM-ED50] Northing: 5684428
 Water-Bottom Interface Siltpr. [m TAW]: -13.67
 Waterdepth 210 kHz Echo [m TAW]: -13.56
 Waterdepth 33 kHz Echo [m TAW]: -13.78
 Surface Elevation [m TAW]: 0.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.10	17.3	10.8	59
-0.74	17.3	10.8	60
-1.40	17.3	10.8	63
-2.06	17.3	10.9	60
-2.73	17.3	10.8	59
-3.30	17.3	10.8	61
-3.91	17.3	10.9	59
-4.50	17.3	10.9	59
-5.11	17.3	10.9	55
-5.78	17.3	10.9	54
-6.46	17.3	11.0	49
-7.15	17.3	11.1	52
-7.80	17.3	11.1	46
-8.43	17.3	11.2	41
-9.10	17.3	11.3	34
-9.79	17.3	11.6	36
-10.47	17.3	11.9	49
-11.18	17.3	12.3	48
-11.89	17.3	12.4	63
-12.48	17.3	12.6	63
-13.15	17.3	12.8	66
-13.60	17.2	12.9	73
-13.67	17.2	12.9	69
Depth Avg	17.3	11.3	54



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

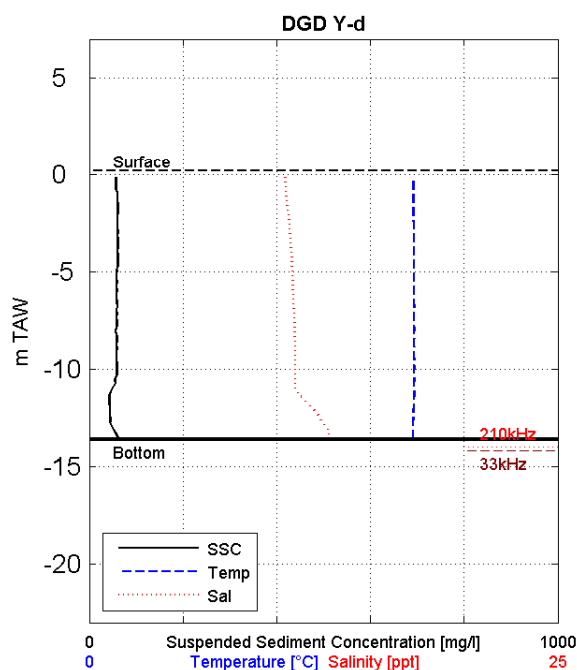
SiltProfiler & CTD-Diver

Sourcefile(s):

8138 Yd_ctd.sil
8153 Yd_ctd.sil

Location:

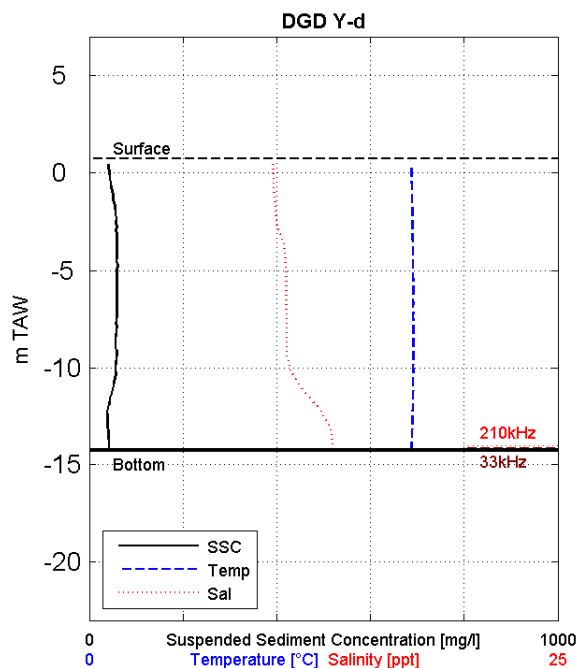
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:05
Time after/before HT [MET]: 0:15
Coordinates [UTM-ED50] Easting: 588738
Coordinates [UTM-ED50] Northing: 5684437
Water-Bottom Interface Siltpr. [m TAW]: -13.59
Waterdepth 210 kHz Echo [m TAW]: -14.00
Waterdepth 33 kHz Echo [m TAW]: -14.17
Surface Elevation [m TAW]: 0.18

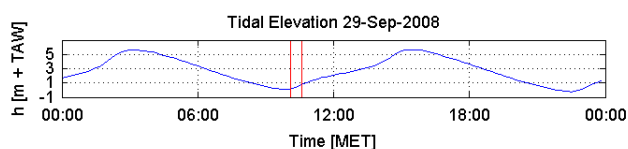
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.10	17.3	10.4	56
-0.73	17.3	10.5	58
-1.33	17.3	10.5	59
-1.99	17.3	10.6	60
-2.56	17.3	10.7	59
-3.19	17.3	10.7	59
-3.80	17.3	10.8	59
-4.39	17.3	10.8	60
-5.08	17.3	10.8	57
-5.75	17.3	10.8	56
-6.36	17.3	10.9	59
-6.97	17.3	10.9	59
-7.62	17.3	10.9	59
-8.20	17.3	11.0	57
-8.84	17.3	11.0	58
-9.48	17.3	11.0	58
-10.08	17.3	11.0	59
-10.69	17.3	11.0	55
-11.30	17.3	11.2	44
-11.94	17.3	11.8	42
-12.55	17.3	12.3	44
-13.22	17.3	12.8	53
-13.59	17.2	12.8	62
Depth Avg	17.3	11.0	56



Siltprofiler

Date & Time [MET]: 29/9/2008 10:35
Time after/before HT [MET]: 0:45
Coordinates [UTM-ED50] Easting: 588752
Coordinates [UTM-ED50] Northing: 5684423
Water-Bottom Interface Siltpr. [m TAW]: -14.29
Waterdepth 210 kHz Echo [m TAW]: -14.06
Waterdepth 33 kHz Echo [m TAW]: -14.17
Surface Elevation [m TAW]: 0.74

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.46	17.2	9.8	40
-0.20	17.2	9.8	44
-0.91	17.2	9.8	48
-1.62	17.3	9.9	53
-2.26	17.2	9.9	58
-2.90	17.2	10.1	58
-3.50	17.3	10.3	56
-4.14	17.2	10.4	60
-4.80	17.3	10.5	60
-5.49	17.3	10.5	59
-6.18	17.3	10.5	58
-6.93	17.3	10.5	55
-7.65	17.3	10.5	59
-8.36	17.3	10.5	56
-9.05	17.3	10.5	58
-9.71	17.3	10.6	56
-10.38	17.3	10.9	55
-11.09	17.3	11.3	51
-11.80	17.3	12.0	44
-12.58	17.2	12.5	38
-13.38	17.2	12.9	41
-14.16	17.2	13.0	41
-14.29	17.2	13.0	43
Depth Avg	17.2	10.8	52



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

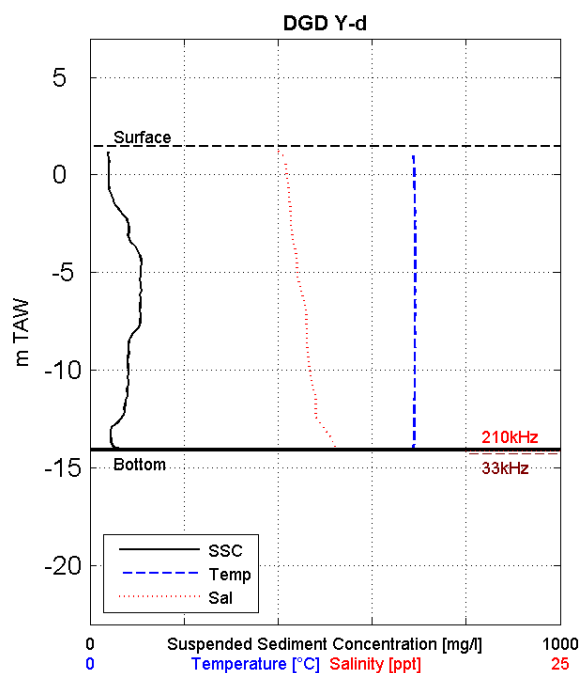
Sourcefile(s):

8168 Yd_ctd.sil

8183 Yd_ctd.sil

Location:

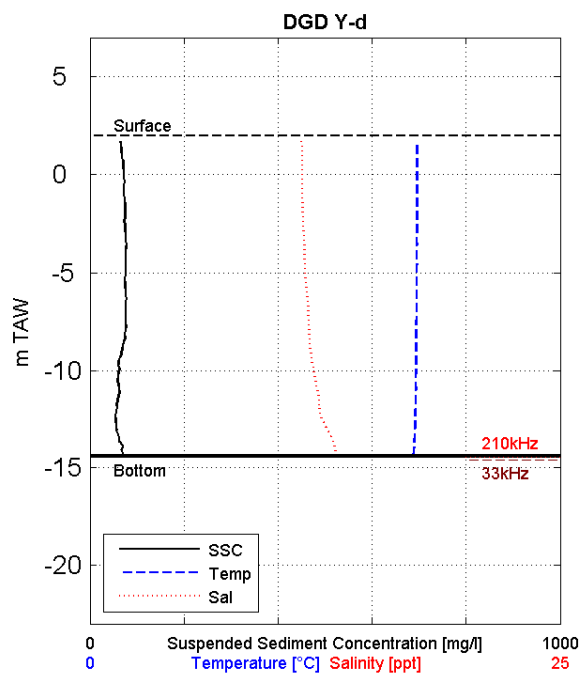
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 11:13
Time after/before HT [MET]: 1:23
Coordinates [UTM-ED50] Easting: 588740
Coordinates [UTM-ED50] Northing: 5684419
Water-Bottom Interface Siltpr. [m TAW]: -14.08
Waterdepth 210 kHz Echo [m TAW]: -14.12
Waterdepth 33 kHz Echo [m TAW]: -14.29
Surface Elevation [m TAW]: 1.50

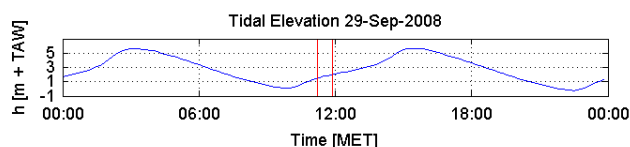
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.21	17.1	10.0	37
0.49	17.2	10.4	39
-0.22	17.2	10.5	39
-0.95	17.2	10.6	45
-1.71	17.2	10.6	60
-2.48	17.3	10.7	81
-3.27	17.3	10.8	85
-4.03	17.3	10.9	105
-4.77	17.3	11.0	108
-5.50	17.3	11.1	109
-6.36	17.3	11.3	107
-7.22	17.3	11.5	109
-8.10	17.3	11.5	94
-9.04	17.3	11.6	83
-9.90	17.3	11.7	82
-10.74	17.3	11.8	82
-11.59	17.3	12.0	72
-12.51	17.3	12.1	62
-13.47	17.2	12.8	44
-14.00	17.2	13.1	48
-14.01	17.1	13.1	206
-14.05	17.2	13.1	177
-14.08	17.1	13.1	153
Depth Avg			
17.3 11.3 76			



Siltprofiler

Date & Time [MET]: 29/9/2008 11:52
Time after/before HT [MET]: 2:02
Coordinates [UTM-ED50] Easting: 588733
Coordinates [UTM-ED50] Northing: 5684440
Water-Bottom Interface Siltpr. [m TAW]: -14.43
Waterdepth 210 kHz Echo [m TAW]: -14.48
Waterdepth 33 kHz Echo [m TAW]: -14.61
Surface Elevation [m TAW]: 2.00

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.72	17.4	11.2	64
0.86	17.4	11.3	67
-0.02	17.4	11.3	70
-0.84	17.4	11.3	73
-1.58	17.4	11.3	76
-2.38	17.4	11.3	73
-3.17	17.4	11.4	76
-4.00	17.3	11.4	74
-4.82	17.4	11.4	75
-5.63	17.3	11.5	75
-6.51	17.4	11.6	76
-7.52	17.3	11.6	75
-8.45	17.3	11.7	72
-9.32	17.3	11.8	65
-10.20	17.3	11.9	61
-10.98	17.3	12.1	63
-11.82	17.3	12.2	56
-12.63	17.3	12.4	54
-13.35	17.2	12.8	62
-14.08	17.2	13.0	67
-14.21	17.2	13.1	67
-14.38	17.2	13.1	70
-14.43	17.2	13.1	72
Depth Avg			
17.3 11.7 69			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

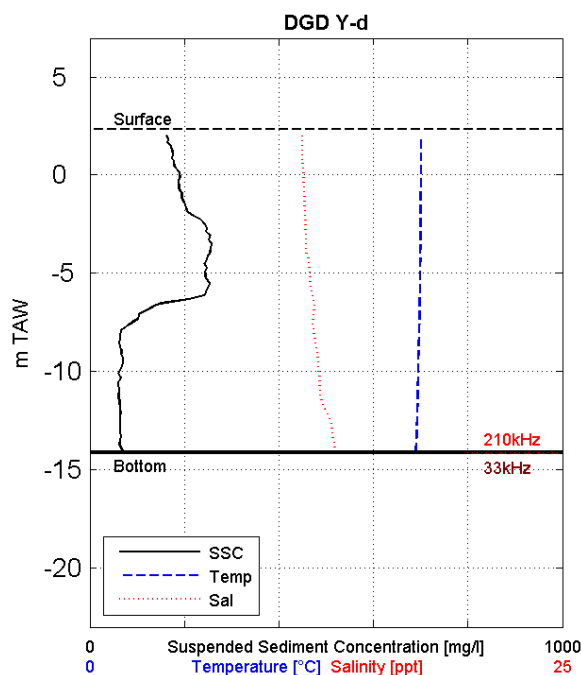
Sourcefile(s):

8198 Yd_ctd.sil

8218 Yd_ctd.sil

Location:

Deurganckdok

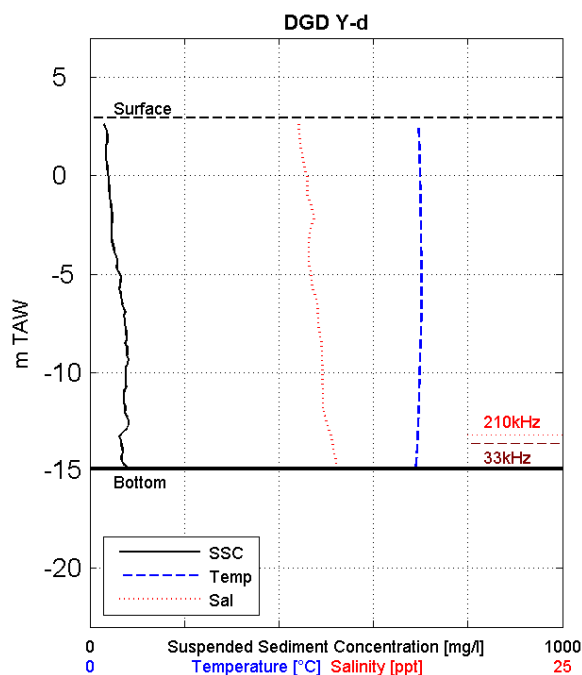


Siltprofiler

Date & Time [MET]: 29/9/2008 12:28
 Time after/before HT [MET]: 2:38
 Coordinates [UTM-ED50] Easting: 588731
 Coordinates [UTM-ED50] Northing: 5684432
 Water-Bottom Interface Siltpr. [m TAW]: -14.11
 Waterdepth 210 kHz Echo [m TAW]: -14.15
 Waterdepth 33 kHz Echo [m TAW]: -14.20
 Surface Elevation [m TAW]: 2.38

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.08	17.5	11.2	162
1.25	17.5	11.2	173
0.44	17.5	11.3	179
-0.31	17.5	11.3	185
-1.12	17.5	11.3	194
-1.90	17.5	11.4	208
-2.71	17.5	11.4	243
-3.47	17.5	11.4	260
-4.36	17.5	11.6	243
-5.20	17.5	11.6	242
-6.03	17.4	11.8	242
-6.82	17.5	11.9	132
-7.65	17.4	11.8	82
-8.47	17.4	11.9	62
-9.27	17.4	12.0	72
-10.13	17.3	12.1	58
-11.00	17.3	12.2	60
-11.91	17.3	12.4	64
-12.88	17.3	12.8	62
-13.77	17.3	12.9	65
-14.01	17.3	12.9	67
-14.11	17.2	12.9	72

Depth Avg 17.4 11.8 148

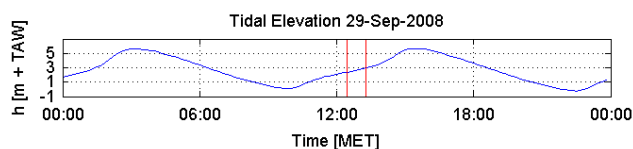


Siltprofiler

Date & Time [MET]: 29/9/2008 13:15
 Time after/before HT [MET]: 3:25
 Coordinates [UTM-ED50] Easting: 588727
 Coordinates [UTM-ED50] Northing: 5684427
 Water-Bottom Interface Siltpr. [m TAW]: -14.95
 Waterdepth 210 kHz Echo [m TAW]: -13.24
 Waterdepth 33 kHz Echo [m TAW]: -13.67
 Surface Elevation [m TAW]: 2.94

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.65	17.4	11.1	28
1.90	17.4	11.1	38
1.07	17.4	11.2	34
0.16	17.4	11.4	37
-0.80	17.4	11.5	41
-1.73	17.5	11.8	45
-2.88	17.5	11.6	46
-3.89	17.5	11.6	51
-4.80	17.5	11.6	59
-5.59	17.6	11.8	62
-6.43	17.5	12.0	68
-7.33	17.5	12.1	74
-8.30	17.5	12.2	77
-9.27	17.4	12.3	82
-10.19	17.4	12.3	80
-11.12	17.4	12.3	71
-12.17	17.4	12.4	74
-13.23	17.3	12.7	64
-14.21	17.3	12.9	66
-14.80	17.2	13.0	77
-14.83	17.2	13.0	82
-14.93	17.2	13.1	80
-14.95	17.2	13.1	79

Depth Avg 17.4 11.9 59



Data Processed by: 
 In association with: 
 I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

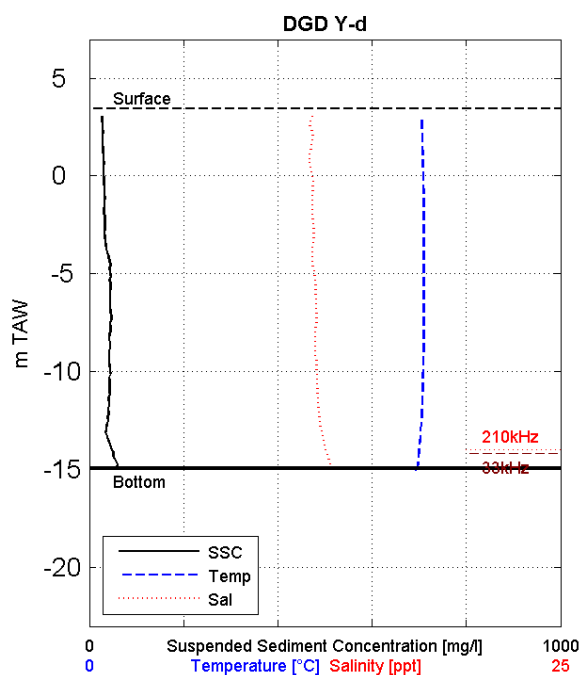
Sourcefile(s):

8233 Yd_ctd.sil

8248 Yd_ctd.sil

Location:

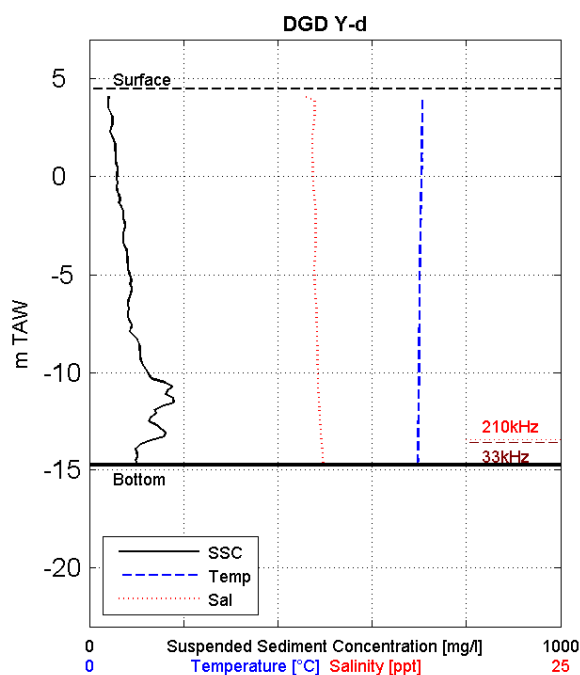
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:51
 Time after/before HT [MET]: 4:01
 Coordinates [UTM-ED50] Easting: 588750
 Coordinates [UTM-ED50] Northing: 5684431
 Water-Bottom Interface Siltpr. [m TAW]: -14.94
 Waterdepth 210 kHz Echo [m TAW]: -13.99
 Waterdepth 33 kHz Echo [m TAW]: -14.18
 Surface Elevation [m TAW]: 3.49

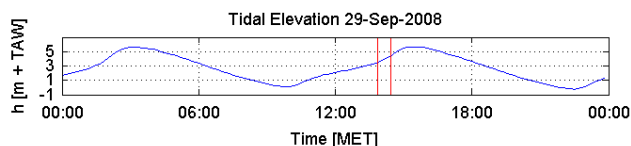
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.17	17.6	11.9	26
2.34	17.6	11.8	28
1.53	17.6	11.7	28
0.77	17.7	11.7	30
-0.19	17.7	11.8	30
-1.20	17.7	11.8	32
-2.01	17.7	11.8	32
-2.85	17.8	11.9	32
-3.58	17.8	11.8	35
-4.40	17.8	11.8	41
-5.09	17.7	11.9	46
-5.94	17.8	12.0	44
-6.75	17.7	12.0	42
-7.74	17.7	12.0	43
-8.68	17.7	12.0	44
-9.58	17.7	12.0	42
-10.42	17.7	12.1	42
-11.28	17.6	12.1	40
-12.11	17.6	12.2	40
-12.97	17.6	12.3	35
-13.81	17.5	12.5	45
-14.55	17.4	12.7	55
-14.94	17.4	12.8	56
Depth Avg	17.7	12.0	38



Siltprofiler

Date & Time [MET]: 29/9/2008 14:27
 Time after/before HT [MET]: 4:37
 Coordinates [UTM-ED50] Easting: 588746
 Coordinates [UTM-ED50] Northing: 5684424
 Water-Bottom Interface Siltpr. [m TAW]: -14.77
 Waterdepth 210 kHz Echo [m TAW]: -13.49
 Waterdepth 33 kHz Echo [m TAW]: -13.62
 Surface Elevation [m TAW]: 4.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.18	17.6	10.2	39
3.22	17.7	12.0	45
2.24	17.6	11.8	43
1.40	17.6	11.8	56
0.54	17.6	11.8	59
-0.41	17.6	11.9	55
-1.59	17.6	12.0	72
-2.63	17.6	12.0	75
-3.58	17.5	12.0	76
-4.52	17.5	11.9	80
-5.38	17.5	11.9	88
-6.21	17.5	12.0	85
-7.13	17.5	12.1	80
-8.09	17.5	12.1	94
-8.99	17.5	12.1	108
-9.86	17.5	12.1	120
-10.79	17.5	12.1	171
-11.69	17.5	12.2	149
-12.65	17.4	12.2	137
-13.61	17.4	12.3	113
-14.48	17.4	12.4	99
-14.75	17.4	NaN	101
-14.77	17.4	NaN	106
Depth Avg	17.5	12.0	89



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

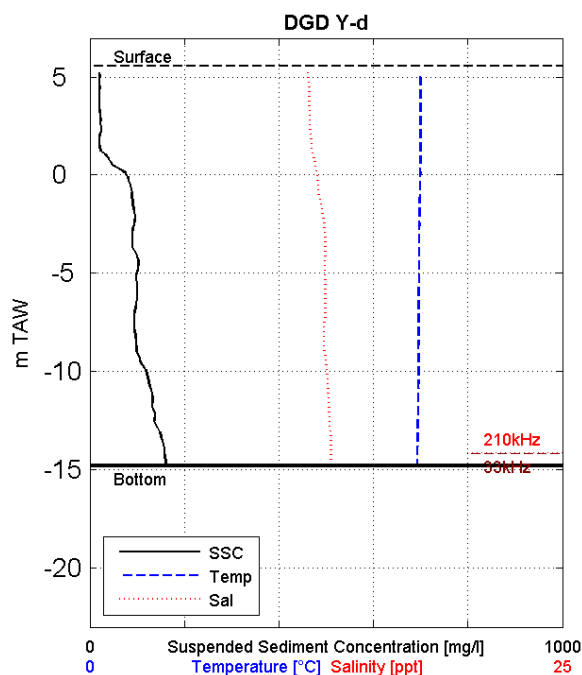
Sourcefile(s):

8263 Yd_ctd.sil

8278 Yd_ctd.sil

Location:

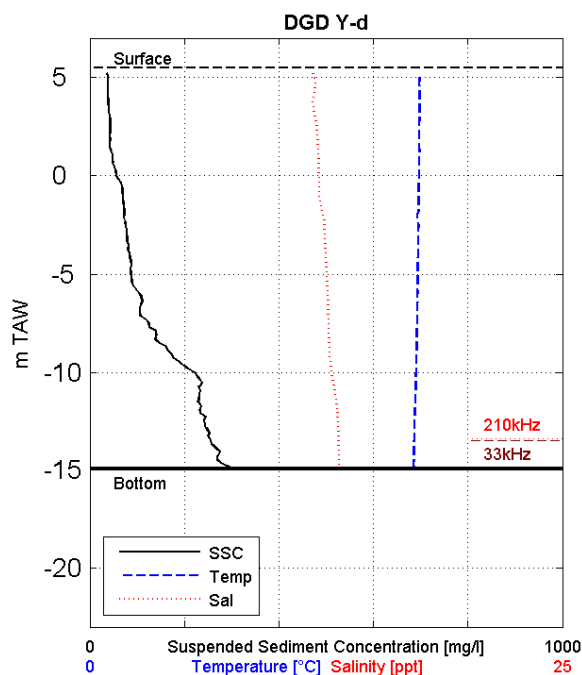
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 15:10
 Time after/before HT [MET]: 5:20
 Coordinates [UTM-ED50] Easting: 588763
 Coordinates [UTM-ED50] Northing: 5684442
 Water-Bottom Interface Siltpr. [m TAW]: -14.78
 Waterdepth 210 kHz Echo [m TAW]: -14.15
 Waterdepth 33 kHz Echo [m TAW]: -14.17
 Surface Elevation [m TAW]: 5.58

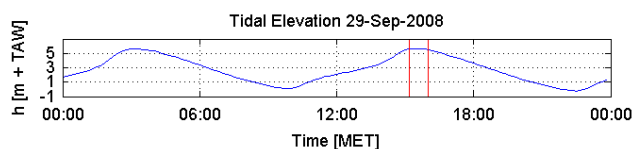
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.30	17.5	11.5	19
4.29	17.5	11.6	20
2.97	17.5	11.6	23
1.93	17.5	11.7	21
1.00	17.5	11.8	39
-0.01	17.4	12.0	80
-1.13	17.4	12.1	88
-2.21	17.4	12.4	96
-3.20	17.4	12.4	88
-4.21	17.4	12.4	102
-5.19	17.4	12.4	98
-6.22	17.4	12.4	99
-7.20	17.4	12.4	94
-8.12	17.4	12.4	97
-9.00	17.4	12.4	99
-9.88	17.4	12.5	116
-10.75	17.3	12.6	128
-11.72	17.3	12.6	132
-12.57	17.4	12.7	136
-13.40	17.3	12.7	153
-14.28	17.3	12.8	158
-14.73	17.3	NaN	159
-14.78	17.3	NaN	159
Depth Avg			
17.4			
12.2			
87			



Siltprofiler

Date & Time [MET]: 29/9/2008 15:59
 Time after/before HT [MET]: 6:09
 Coordinates [UTM-ED50] Easting: 588746
 Coordinates [UTM-ED50] Northing: 5684415
 Water-Bottom Interface Siltpr. [m TAW]: -14.96
 Waterdepth 210 kHz Echo [m TAW]: -13.41
 Waterdepth 33 kHz Echo [m TAW]: -13.50
 Surface Elevation [m TAW]: 5.49

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.21	17.4	11.8	36
4.11	17.4	11.8	37
3.00	17.4	11.9	41
1.90	17.4	12.0	43
0.91	17.4	12.1	47
-0.14	17.4	12.1	58
-1.17	17.4	12.1	69
-2.13	17.3	12.4	72
-3.16	17.3	12.4	80
-4.13	17.4	12.5	84
-5.15	17.3	12.5	89
-6.16	17.3	12.6	112
-7.03	17.3	12.6	104
-7.98	17.3	12.6	141
-8.91	17.3	12.7	170
-9.78	17.3	12.7	206
-10.64	17.2	12.9	230
-11.50	17.2	13.0	228
-12.36	17.1	13.1	246
-13.19	17.2	13.1	245
-14.01	17.1	13.2	272
-14.89	17.1	NaN	301
-14.96	17.1	NaN	327
Depth Avg			
17.3			
12.5			
122			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

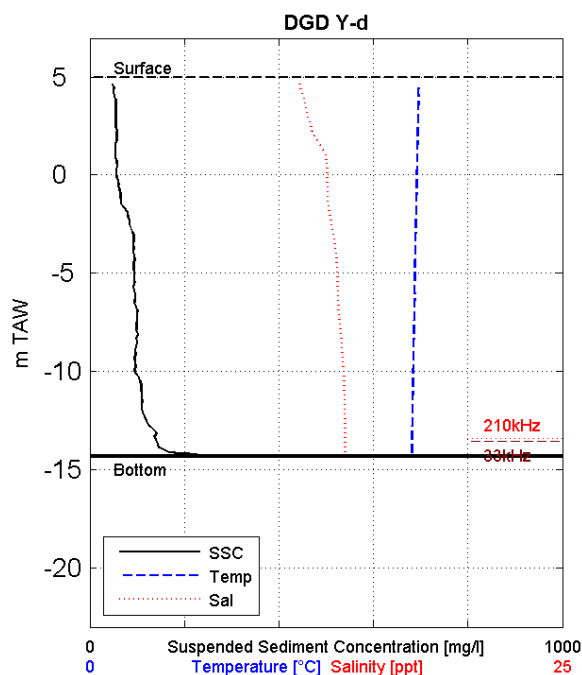
Sourcefile(s):

8293 Yd_ctd.sil

8308 Yd_ctd.sil

Location:

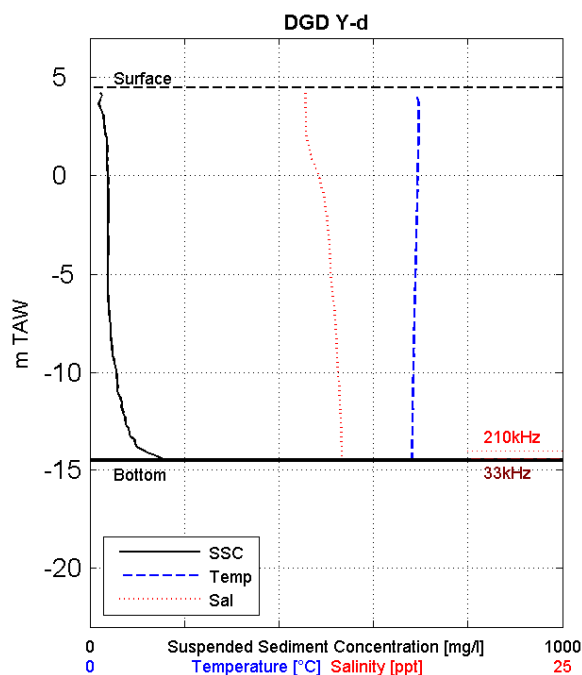
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:35
 Time after/before HT [MET]: 6:45
 Coordinates [UTM-ED50] Easting: 588758
 Coordinates [UTM-ED50] Northing: 5684432
 Water-Bottom Interface Siltpr. [m TAW]: -14.31
 Waterdepth 210 kHz Echo [m TAW]: -13.42
 Waterdepth 33 kHz Echo [m TAW]: -13.58
 Surface Elevation [m TAW]: 4.99

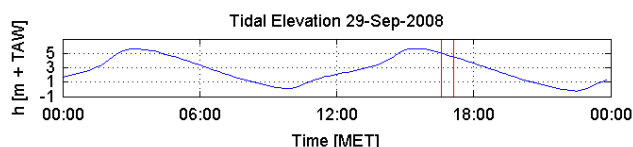
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.69	17.4	11.1	47
3.72	17.4	11.4	56
2.70	17.3	11.6	55
1.78	17.3	12.0	55
0.85	17.3	12.5	55
-0.18	17.3	12.6	56
-1.19	17.3	12.6	65
-2.17	17.2	12.7	81
-3.21	17.2	12.9	92
-4.23	17.2	13.1	95
-5.17	17.2	13.1	93
-6.20	17.2	13.1	95
-7.21	17.1	13.2	98
-8.10	17.1	13.3	98
-9.10	17.1	13.3	98
-10.11	17.1	13.4	96
-11.16	17.1	13.5	110
-12.20	17.1	13.5	111
-13.28	17.1	13.5	137
-14.19	17.0	13.5	364
-14.24	17.0	NaN	240
-14.28	17.0	NaN	299
-14.31	17.1	NaN	293
Depth Avg			
17.2 12.8 87			



Siltprofiler

Date & Time [MET]: 29/9/2008 17:08
 Time after/before HT [MET]: 7:18
 Coordinates [UTM-ED50] Easting: 588760
 Coordinates [UTM-ED50] Northing: 5684429
 Water-Bottom Interface Siltpr. [m TAW]: -14.53
 Waterdepth 210 kHz Echo [m TAW]: -14.04
 Waterdepth 33 kHz Echo [m TAW]: -14.45
 Surface Elevation [m TAW]: 4.48

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.20	17.4	11.4	21
3.15	17.4	11.4	28
2.23	17.4	11.4	33
1.33	17.4	11.6	37
0.40	17.4	11.9	36
-0.69	17.3	12.3	39
-1.70	17.3	12.5	39
-2.68	17.3	12.6	39
-3.69	17.2	12.7	37
-4.67	17.2	12.7	37
-5.55	17.2	12.8	37
-6.36	17.1	12.9	40
-7.22	17.1	13.0	41
-8.08	17.1	13.0	44
-9.02	17.1	13.1	47
-9.93	17.1	13.1	55
-10.84	17.1	13.2	57
-11.79	17.1	13.2	67
-12.65	17.0	13.3	75
-13.47	17.0	13.3	94
-14.31	17.1	13.3	139
-14.47	17.1	NaN	165
-14.53	17.0	NaN	176
Depth Avg			
17.2 12.6 47			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

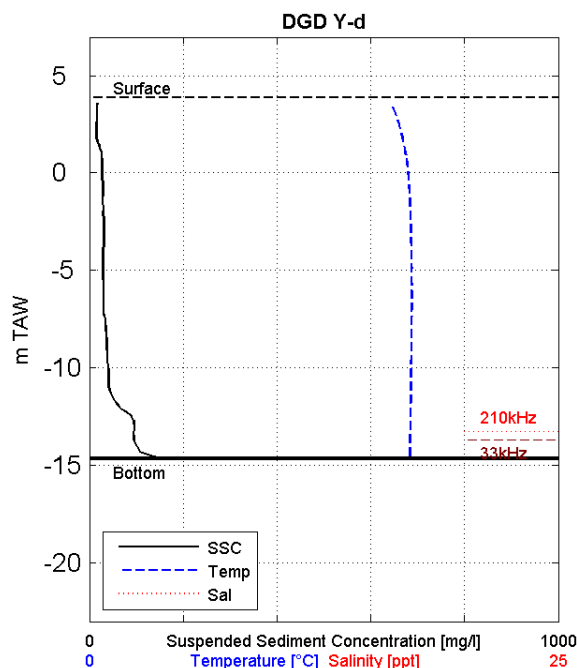
SiltProfiler & CTD-Diver

Sourcefile(s):

8323 Yd_ctd.sil

Location:

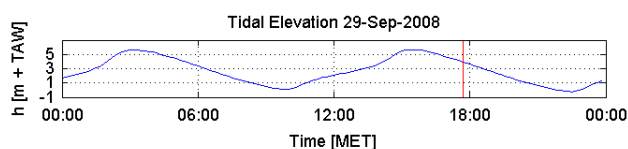
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:42
 Time after/before HT [MET]: 7:52
 Coordinates [UTM-ED50] Easting: 588727
 Coordinates [UTM-ED50] Northing: 5684429
 Water-Bottom Interface Siltpr. [m TAW]: -14.66
 Waterdepth 210 kHz Echo [m TAW]: -13.25
 Waterdepth 33 kHz Echo [m TAW]: -13.69
 Surface Elevation [m TAW]: 3.90

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.60	16.1	NaN	16
2.57	16.5	NaN	14
1.71	16.7	NaN	14
0.73	16.9	NaN	26
-0.29	17.0	NaN	26
-1.29	17.0	NaN	28
-2.30	17.1	NaN	30
-3.28	17.1	NaN	30
-4.19	17.1	NaN	29
-5.28	17.2	NaN	29
-6.16	17.2	NaN	28
-7.05	17.2	NaN	30
-7.93	17.1	NaN	35
-8.94	17.1	NaN	38
-9.82	17.1	NaN	37
-10.73	17.1	NaN	41
-11.52	17.1	NaN	49
-12.33	17.1	NaN	86
-13.19	17.1	NaN	94
-14.03	17.1	NaN	103
-14.57	17.1	NaN	137
-14.63	17.1	NaN	136
-14.66	17.1	NaN	123
Depth Avg	17.0	NaN	39



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

F.10 Location Ye

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

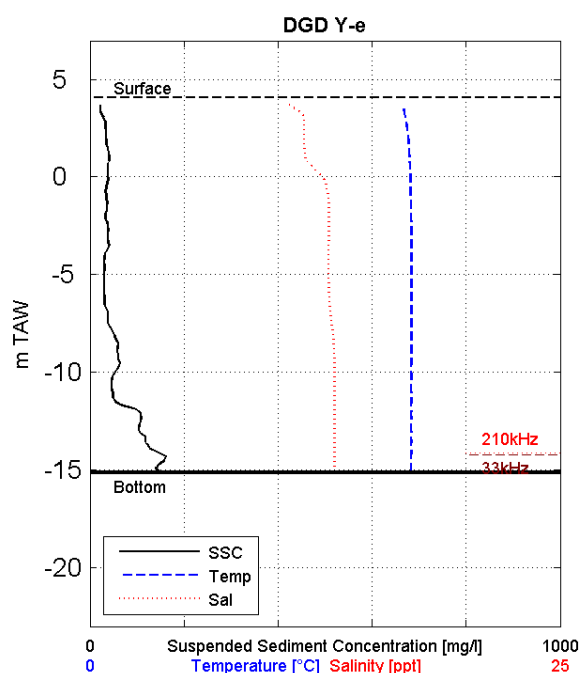
Sourcefile(s):

8013 Ye_ctd.sil

8028 Ye_ctd.sil

Location:

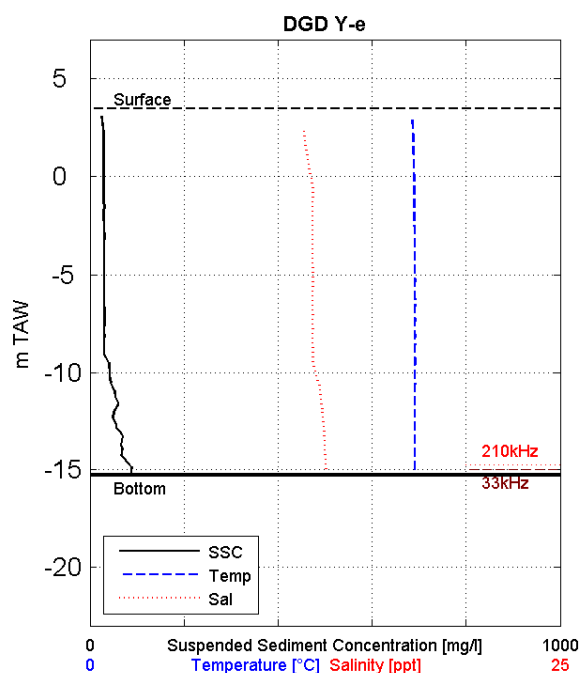
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:18
 Time after/before HT [MET]: 2:08
 Coordinates [UTM-ED50] Easting: 588781
 Coordinates [UTM-ED50] Northing: 5684497
 Water-Bottom Interface Siltpr. [m TAW]: -15.14
 Waterdepth 210 kHz Echo [m TAW]: -14.12
 Waterdepth 33 kHz Echo [m TAW]: -14.20
 Surface Elevation [m TAW]: 4.08

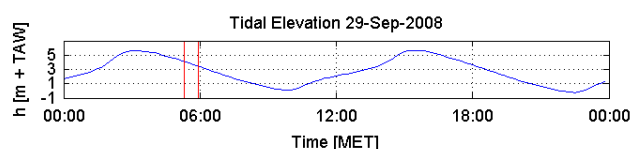
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.79	16.6	10.5	21
2.88	16.8	11.4	32
1.97	16.9	11.4	34
1.08	17.0	11.4	41
0.13	17.0	12.2	37
-0.78	17.1	12.6	32
-1.75	17.1	12.7	34
-2.73	17.1	12.7	37
-3.78	17.1	12.7	35
-4.74	17.1	12.7	29
-5.62	17.1	12.7	30
-6.59	17.1	12.7	32
-7.50	17.1	12.8	37
-8.38	17.1	12.9	56
-9.34	17.1	13.0	60
-10.27	17.1	13.0	47
-11.23	17.1	13.0	49
-12.21	17.1	13.0	107
-13.17	17.1	13.0	110
-14.13	17.1	13.0	143
-14.96	17.1	13.0	144
-15.11	17.1	NaN	148
-15.14	17.1	NaN	149
Depth Avg	17.0	12.5	53



Siltprofiler

Date & Time [MET]: 29/9/2008 05:55
 Time after/before HT [MET]: 2:45
 Coordinates [UTM-ED50] Easting: 588781
 Coordinates [UTM-ED50] Northing: 5684509
 Water-Bottom Interface Siltpr. [m TAW]: -15.28
 Waterdepth 210 kHz Echo [m TAW]: -14.77
 Waterdepth 33 kHz Echo [m TAW]: -14.99
 Surface Elevation [m TAW]: 3.45

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.17	17.1	NaN	23
2.46	17.1	NaN	27
1.70	17.2	11.4	28
0.84	17.2	11.6	30
-0.07	17.3	11.8	27
-0.85	17.2	11.9	28
-1.71	17.2	11.8	30
-2.53	17.2	11.8	30
-3.38	17.2	11.8	29
-4.29	17.3	11.8	28
-5.20	17.3	11.9	30
-6.04	17.3	11.8	28
-6.97	17.3	11.8	30
-7.88	17.3	11.8	30
-8.74	17.3	11.8	28
-9.65	17.3	11.9	40
-10.57	17.3	12.2	42
-11.52	17.2	12.3	60
-12.41	17.3	12.4	49
-13.37	17.2	12.5	66
-14.27	17.2	12.5	66
-15.14	17.3	12.6	86
-15.28	17.2	12.6	86
Depth Avg	17.2	11.9	38



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

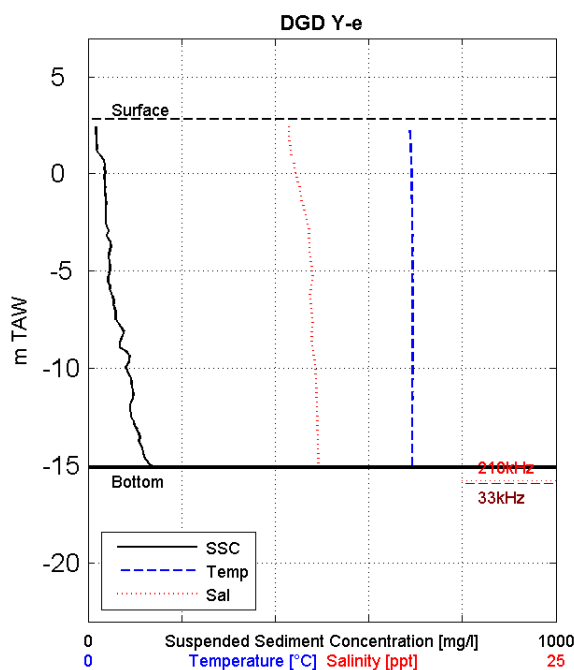
SiltProfiler & CTD-Diver

Sourcefile(s):

8043 Ye_ctd.sil
8059 Ye_ctd.sil

Location:

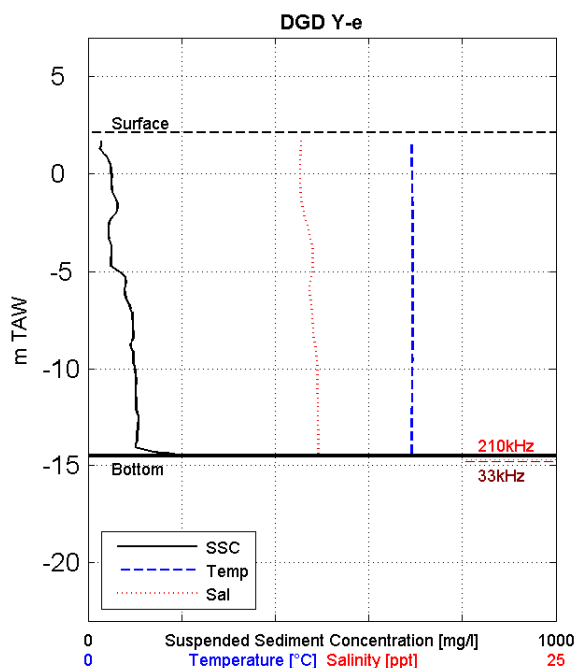
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:27
Time after/before HT [MET]: 3:17
Coordinates [UTM-ED50] Easting: 588797
Coordinates [UTM-ED50] Northing: 5684514
Water-Bottom Interface Siltpr. [m TAW]: -15.09
Waterdepth 210 kHz Echo [m TAW]: -15.78
Waterdepth 33 kHz Echo [m TAW]: -15.91
Surface Elevation [m TAW]: 2.83

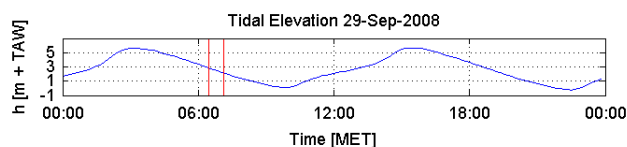
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.53	17.2	10.7	17
1.64	17.2	10.8	18
0.68	17.3	10.9	32
-0.27	17.3	11.2	35
-1.18	17.3	11.4	36
-2.09	17.3	11.6	40
-3.00	17.3	11.8	42
-3.84	17.3	11.8	45
-4.72	17.3	11.9	46
-5.58	17.3	11.9	47
-6.54	17.3	11.9	54
-7.36	17.3	12.0	59
-8.14	17.3	11.9	79
-9.05	17.3	12.0	73
-9.84	17.3	12.1	80
-10.67	17.3	12.2	93
-11.51	17.3	12.2	95
-12.34	17.3	12.2	91
-13.06	17.3	12.2	104
-13.84	17.3	12.3	112
-14.65	17.3	12.3	123
-15.02	17.3	12.3	137
-15.09	17.3	12.3	137
Depth Avg			
	17.3	11.8	61



Siltprofiler

Date & Time [MET]: 29/9/2008 07:07
Time after/before HT [MET]: 3:57
Coordinates [UTM-ED50] Easting: 588755
Coordinates [UTM-ED50] Northing: 5684524
Water-Bottom Interface Siltpr. [m TAW]: -14.52
Waterdepth 210 kHz Echo [m TAW]: -14.71
Waterdepth 33 kHz Echo [m TAW]: -14.83
Surface Elevation [m TAW]: 2.12

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.80	17.3	11.4	28
0.91	17.3	11.3	40
-0.04	17.3	11.3	50
-0.96	17.3	11.4	52
-1.77	17.3	11.5	62
-2.57	17.4	11.7	44
-3.36	17.3	11.9	45
-4.12	17.4	12.0	48
-4.91	17.3	12.0	63
-5.79	17.3	11.8	79
-6.68	17.3	11.9	88
-7.57	17.4	12.0	96
-8.53	17.3	12.1	91
-9.50	17.3	12.2	96
-10.32	17.3	12.3	102
-11.16	17.3	12.3	102
-11.99	17.3	12.3	104
-12.87	17.3	12.3	107
-13.74	17.3	12.3	104
-14.40	17.3	12.3	59
-14.44	17.3	12.3	62
-14.47	17.3	12.3	63
-14.52	17.3	12.3	381
Depth Avg			
	17.3	11.9	75



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

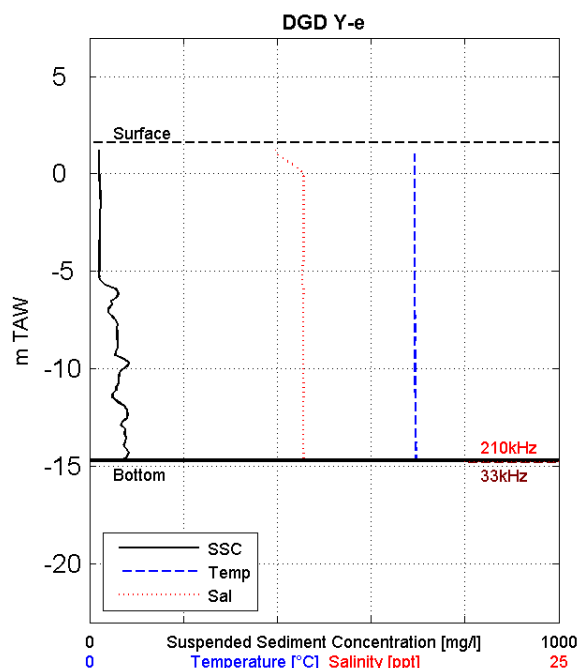
Sourcefile(s):

8074 Ye_ctd.sil

8089 Ye_ctd.sil

Location:

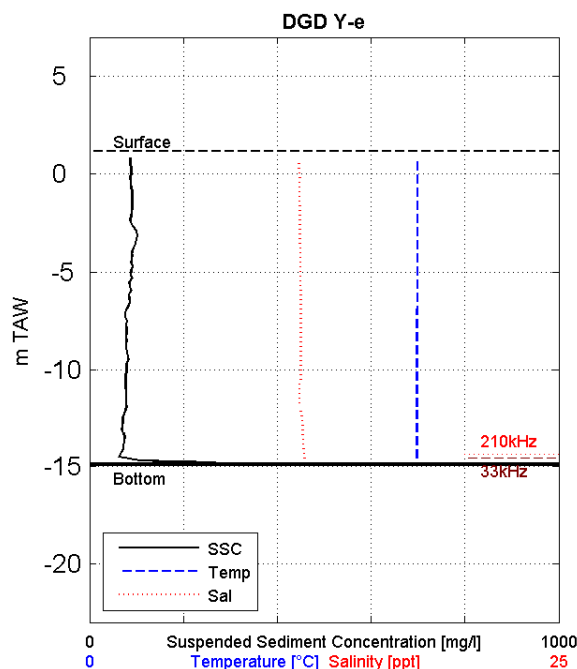
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:37
 Time after/before HT [MET]: 4:27
 Coordinates [UTM-ED50] Easting: 588768
 Coordinates [UTM-ED50] Northing: 5684500
 Water-Bottom Interface Siltpr. [m TAW]: -14.72
 Waterdepth 210 kHz Echo [m TAW]: -14.74
 Waterdepth 33 kHz Echo [m TAW]: -14.79
 Surface Elevation [m TAW]: 1.62

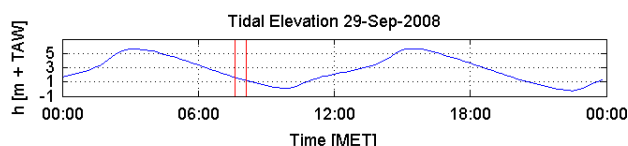
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.28	17.3	9.9	19
0.40	17.3	10.9	19
-0.44	17.3	11.4	19
-1.28	17.3	11.4	23
-2.11	17.3	11.4	23
-3.05	17.3	11.4	21
-3.95	17.3	11.4	21
-4.82	17.3	11.4	21
-5.72	17.3	11.4	32
-6.58	17.3	11.4	45
-7.42	17.3	11.3	52
-8.26	17.3	11.3	59
-9.09	17.4	11.3	58
-9.88	17.3	11.3	79
-10.72	17.3	11.4	60
-11.55	17.3	11.4	50
-12.39	17.4	11.4	80
-13.17	17.3	11.3	75
-13.99	17.4	11.4	73
-14.60	17.3	11.4	78
-14.63	17.4	11.4	59
-14.69	17.4	11.4	72
-14.72	17.4	11.4	68
Depth Avg	17.3	11.3	44



Siltprofiler

Date & Time [MET]: 29/9/2008 08:07
 Time after/before HT [MET]: 4:57
 Coordinates [UTM-ED50] Easting: 588792
 Coordinates [UTM-ED50] Northing: 5684509
 Water-Bottom Interface Siltpr. [m TAW]: -14.92
 Waterdepth 210 kHz Echo [m TAW]: -14.40
 Waterdepth 33 kHz Echo [m TAW]: -14.56
 Surface Elevation [m TAW]: 1.17

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.88	17.4	NaN	86
0.12	17.4	11.2	89
-0.62	17.4	11.2	89
-1.44	17.4	11.2	91
-2.32	17.4	11.2	86
-3.13	17.4	11.2	101
-3.99	17.4	11.2	91
-4.85	17.5	11.2	88
-5.68	17.4	11.2	85
-6.47	17.4	11.3	85
-7.28	17.4	11.3	74
-8.07	17.4	11.3	79
-8.85	17.4	11.3	77
-9.66	17.4	11.3	79
-10.48	17.4	11.2	77
-11.27	17.4	11.2	76
-12.10	17.4	11.2	76
-12.94	17.4	11.3	69
-13.74	17.4	11.4	73
-14.53	17.4	11.4	63
-14.82	17.4	11.5	246
-14.85	17.4	11.5	105
-14.92	17.4	11.5	152
Depth Avg	17.4	11.2	83



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

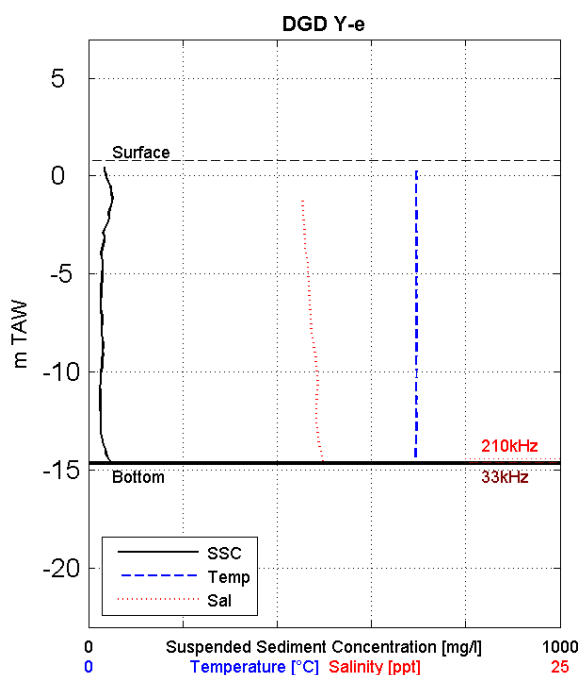
Sourcefile(s):

8104 Ye_ctd.sil

8124 Ye_ctd.sil

Location:

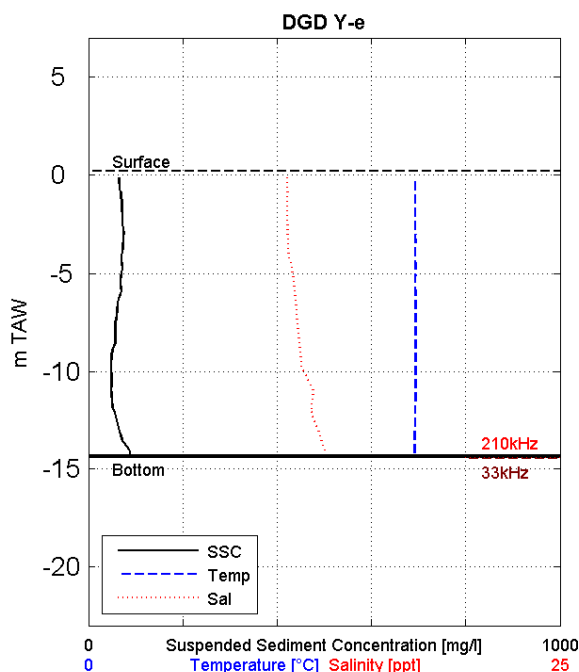
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 08:37
 Time after/before HT [MET]: 5:27
 Coordinates [UTM-ED50] Easting: 588792
 Coordinates [UTM-ED50] Northing: 5684530
 Water-Bottom Interface Siltpr. [m TAW]: -14.64
 Waterdepth 210 kHz Echo [m TAW]: -14.44
 Waterdepth 33 kHz Echo [m TAW]: -14.63
 Surface Elevation [m TAW]: 0.77

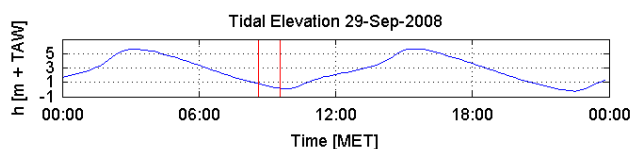
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.49	17.4	NaN	34
-0.41	17.3	NaN	45
-1.27	17.4	NaN	50
-2.06	17.4	11.4	42
-2.11	17.4	11.4	43
-2.35	17.4	11.4	41
-2.82	17.4	11.4	31
-3.65	17.4	11.5	30
-4.50	17.4	11.6	31
-5.40	17.4	11.7	27
-6.29	17.4	11.7	24
-7.15	17.4	11.8	30
-8.05	17.4	11.8	27
-8.91	17.4	12.0	29
-9.73	17.4	12.1	28
-10.61	17.3	12.1	23
-11.43	17.4	12.1	26
-12.26	17.3	12.1	25
-13.07	17.4	12.1	25
-13.95	17.3	12.3	36
-14.52	17.3	12.4	44
-14.57	17.3	12.4	47
-14.64	17.3	12.4	46
Depth Avg	17.4	11.8	31



Siltprofiler

Date & Time [MET]: 29/9/2008 09:33
 Time after/before HT [MET]: 6:23
 Coordinates [UTM-ED50] Easting: 588780
 Coordinates [UTM-ED50] Northing: 5684517
 Water-Bottom Interface Siltpr. [m TAW]: -14.37
 Waterdepth 210 kHz Echo [m TAW]: -14.41
 Waterdepth 33 kHz Echo [m TAW]: -14.49
 Surface Elevation [m TAW]: 0.20

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.09	17.3	10.5	65
-0.81	17.3	10.5	68
-1.61	17.3	10.5	69
-2.36	17.3	10.5	70
-3.14	17.3	10.6	73
-3.83	17.3	10.6	72
-4.57	17.3	10.7	72
-5.38	17.3	10.9	67
-6.18	17.3	10.9	65
-6.97	17.3	11.0	59
-7.73	17.3	11.1	56
-8.38	17.3	11.2	56
-9.11	17.3	11.2	48
-9.87	17.3	11.3	47
-10.54	17.3	11.7	49
-11.28	17.3	11.9	48
-11.98	17.3	11.8	53
-12.67	17.3	12.0	62
-13.36	17.3	12.3	68
-14.03	17.3	12.5	86
-14.30	17.3	12.6	84
-14.32	17.2	12.6	89
-14.37	17.3	12.6	88
Depth Avg	17.3	11.2	63



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

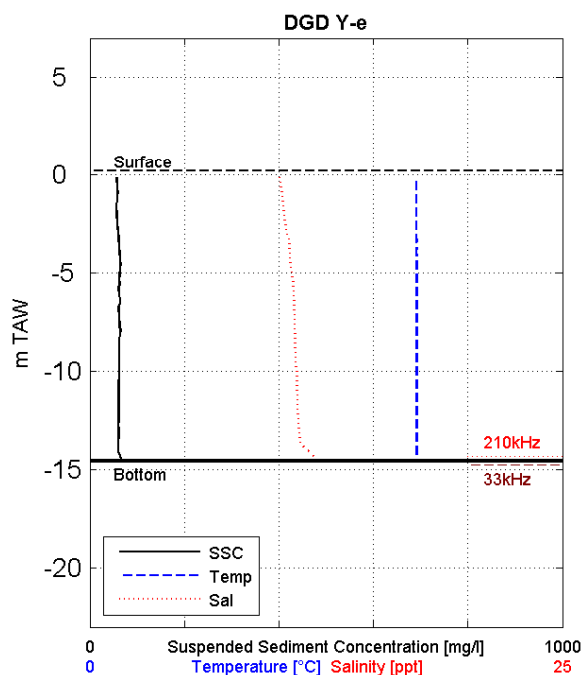
Sourcefile(s):

8139 Ye_ctd.sil

8154 Ye_ctd.sil

Location:

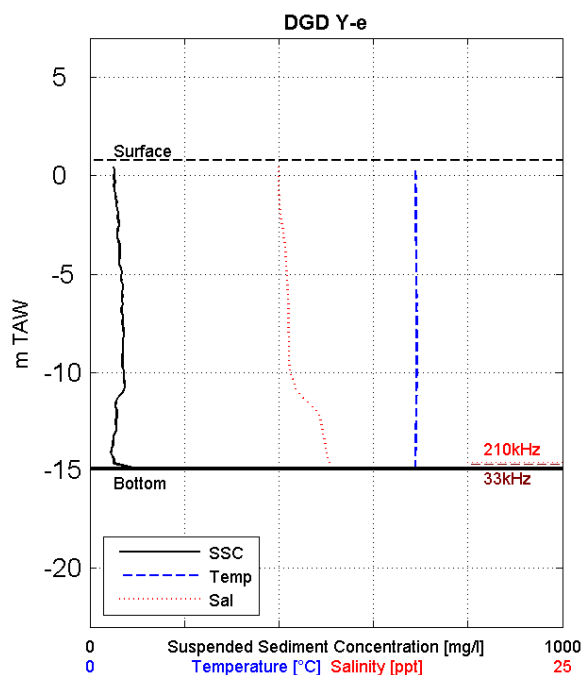
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:06
 Time after/before HT [MET]: 0:16
 Coordinates [UTM-ED50] Easting: 588798
 Coordinates [UTM-ED50] Northing: 5684513
 Water-Bottom Interface Siltpr. [m TAW]: -14.54
 Waterdepth 210 kHz Echo [m TAW]: -14.32
 Waterdepth 33 kHz Echo [m TAW]: -14.76
 Surface Elevation [m TAW]: 0.20

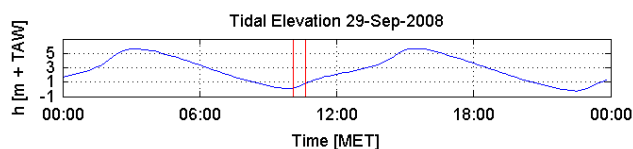
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.09	17.2	10.0	57
-0.88	17.2	10.1	59
-1.65	17.2	10.2	54
-2.46	17.3	10.3	58
-3.32	17.3	10.5	60
-4.27	17.3	10.6	64
-5.11	17.3	10.7	62
-6.01	17.3	10.8	61
-6.80	17.3	10.8	61
-7.59	17.3	10.8	63
-8.43	17.3	10.8	60
-9.19	17.3	10.8	61
-9.93	17.3	10.9	61
-10.73	17.3	10.9	62
-11.57	17.3	10.9	60
-12.43	17.3	11.0	60
-13.27	17.3	11.1	62
-14.08	17.3	11.6	59
-14.42	17.2	11.9	69
-14.45	17.3	12.0	65
-14.45	17.2	12.0	66
-14.49	17.2	12.0	67
-14.54	17.2	12.1	62
Depth Avg			
17.3			
10.7			
60			



Siltprofiler

Date & Time [MET]: 29/9/2008 10:37
 Time after/before HT [MET]: 0:47
 Coordinates [UTM-ED50] Easting: 588793
 Coordinates [UTM-ED50] Northing: 5684505
 Water-Bottom Interface Siltpr. [m TAW]: -14.98
 Waterdepth 210 kHz Echo [m TAW]: -14.64
 Waterdepth 33 kHz Echo [m TAW]: -14.73
 Surface Elevation [m TAW]: 0.78

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.49	17.2	10.0	48
-0.26	17.2	10.0	51
-1.06	17.2	10.0	54
-1.77	17.2	10.1	59
-2.59	17.3	10.2	60
-3.47	17.2	10.3	62
-4.40	17.2	10.4	62
-5.19	17.2	10.4	66
-5.88	17.3	10.5	68
-6.50	17.3	10.5	68
-7.18	17.3	10.5	70
-7.90	17.3	10.5	70
-8.73	17.3	10.5	68
-9.52	17.3	10.5	69
-10.38	17.3	10.7	74
-11.21	17.3	11.2	60
-11.93	17.3	11.9	57
-12.74	17.2	12.2	55
-13.50	17.2	12.4	50
-14.29	17.2	12.6	46
-14.88	17.2	12.7	56
-14.93	17.2	12.8	57
-14.98	17.2	12.8	126
Depth Avg			
17.2			
10.8			
61			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

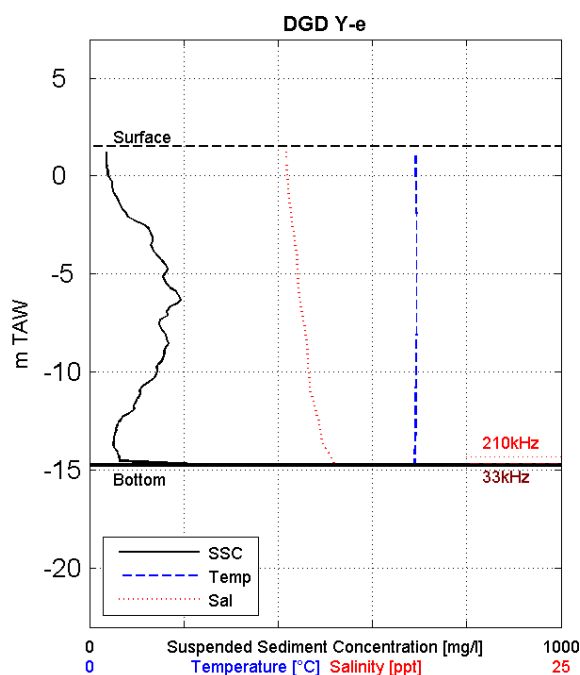
Sourcefile(s):

8169 Ye_ctd.sil

8184 Ye_ctd.sil

Location:

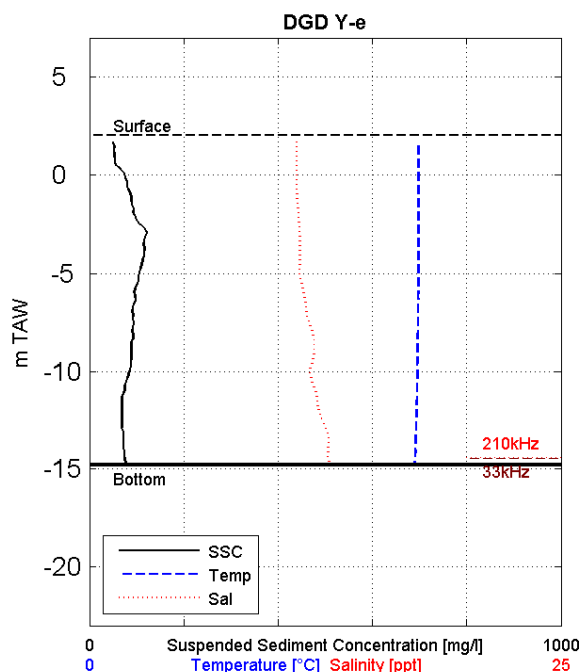
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 11:15
 Time after/before HT [MET]: 1:25
 Coordinates [UTM-ED50] Easting: 588797
 Coordinates [UTM-ED50] Northing: 5684500
 Water-Bottom Interface Siltpr. [m TAW]: -14.77
 Waterdepth 210 kHz Echo [m TAW]: -14.31
 Waterdepth 33 kHz Echo [m TAW]: -14.65
 Surface Elevation [m TAW]: 1.53

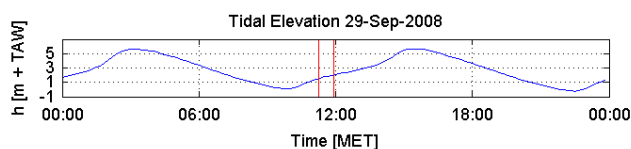
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.25	17.3	10.4	35
0.44	17.3	10.4	39
-0.42	17.3	10.5	47
-1.25	17.3	10.6	60
-2.06	17.3	10.7	80
-2.92	17.3	10.8	131
-3.78	17.4	10.9	134
-4.60	17.4	11.0	166
-5.48	17.4	11.1	165
-6.31	17.3	11.1	193
-7.29	17.3	11.3	153
-8.21	17.3	11.5	159
-9.22	17.3	11.5	160
-10.15	17.3	11.6	143
-11.25	17.3	11.8	102
-12.26	17.3	12.1	68
-13.27	17.3	12.3	51
-14.27	17.2	12.8	62
-14.67	17.2	13.0	34
-14.69	17.2	13.0	546
-14.70	17.2	13.0	285
-14.72	17.2	13.0	467
-14.77	17.1	13.0	424
Depth Avg	17.3	11.3	110



Siltprofiler

Date & Time [MET]: 29/9/2008 11:54
 Time after/before HT [MET]: 2:04
 Coordinates [UTM-ED50] Easting: 588809
 Coordinates [UTM-ED50] Northing: 5684504
 Water-Bottom Interface Siltpr. [m TAW]: -14.82
 Waterdepth 210 kHz Echo [m TAW]: -14.41
 Waterdepth 33 kHz Echo [m TAW]: -14.47
 Surface Elevation [m TAW]: 2.03

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.74	17.4	11.0	46
0.97	17.4	11.0	54
0.21	17.4	11.0	69
-0.53	17.4	11.0	79
-1.29	17.4	11.0	90
-2.05	17.4	11.1	97
-2.81	17.4	11.1	121
-3.65	17.4	11.1	115
-4.46	17.4	11.1	111
-5.39	17.4	11.2	103
-6.23	17.4	11.4	97
-7.13	17.4	11.5	92
-7.89	17.4	11.8	91
-8.64	17.4	11.9	87
-9.40	17.4	11.8	88
-10.26	17.4	11.7	80
-11.12	17.4	12.0	72
-12.08	17.3	12.2	69
-13.04	17.3	12.6	71
-13.97	17.3	12.6	71
-14.70	17.3	12.7	76
-14.75	17.3	12.7	76
-14.82	17.2	12.7	75
Depth Avg	17.4	11.6	85



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

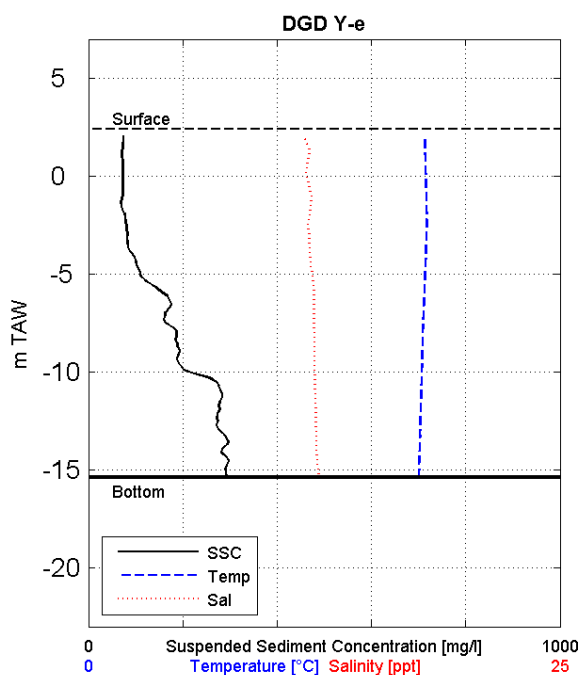
Sourcefile(s):

8199 Ye_ctd.sil

8219 Ye_ctd.sil

Location:

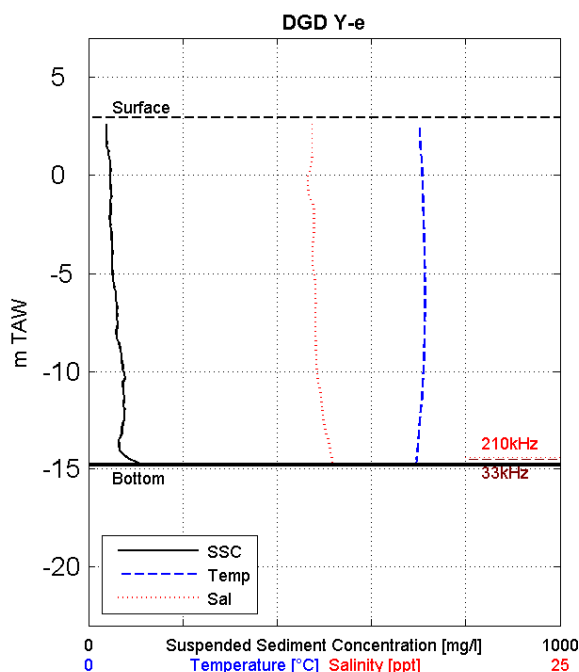
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:31
 Time after/before HT [MET]: 2:41
 Coordinates [UTM-ED50] Easting: 588841
 Coordinates [UTM-ED50] Northing: 5684550
 Water-Bottom Interface Siltpr. [m TAW]: -15.40
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.42

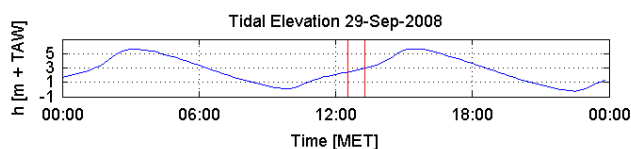
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.14	17.8	NaN	74
1.24	17.8	11.7	70
0.38	17.9	11.5	73
-0.63	17.9	11.7	73
-1.59	17.9	11.8	69
-2.48	17.9	11.7	80
-3.38	17.9	11.7	83
-4.22	17.9	11.8	100
-5.11	17.8	11.9	110
-6.06	17.8	11.9	164
-6.95	17.8	11.9	162
-7.79	17.7	12.0	182
-8.71	17.7	12.0	188
-9.63	17.7	12.0	193
-10.48	17.7	12.0	269
-11.32	17.6	12.0	283
-12.14	17.6	12.0	271
-13.00	17.6	12.1	279
-13.88	17.5	12.1	284
-14.72	17.5	12.1	292
-15.25	17.5	12.2	294
-15.37	17.4	12.2	290
-15.40	17.5	12.2	285
Depth Avg			
17.7			
11.9			
165			



Siltprofiler

Date & Time [MET]: 29/9/2008 13:17
 Time after/before HT [MET]: 3:27
 Coordinates [UTM-ED50] Easting: 588799
 Coordinates [UTM-ED50] Northing: 5684501
 Water-Bottom Interface Siltpr. [m TAW]: -14.80
 Waterdepth 210 kHz Echo [m TAW]: -14.42
 Waterdepth 33 kHz Echo [m TAW]: -14.52
 Surface Elevation [m TAW]: 2.96

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.64	17.6	11.8	36
1.71	17.6	11.8	38
1.26	17.6	11.8	44
1.14	17.6	11.8	41
0.67	17.7	11.8	45
-0.13	17.7	11.6	45
-0.99	17.7	11.7	49
-1.78	17.7	11.9	46
-2.67	17.8	12.0	47
-3.65	17.8	11.9	49
-4.61	17.8	11.9	49
-5.50	17.8	12.0	55
-6.43	17.9	12.0	58
-7.29	17.8	12.0	60
-8.14	17.8	12.0	60
-9.05	17.8	12.0	70
-9.94	17.7	12.1	73
-10.98	17.7	12.3	73
-12.00	17.6	12.4	76
-13.02	17.5	12.6	69
-14.09	17.4	12.8	64
-14.73	17.4	12.9	110
-14.80	17.3	12.9	106
Depth Avg			
17.7			
12.1			
57			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

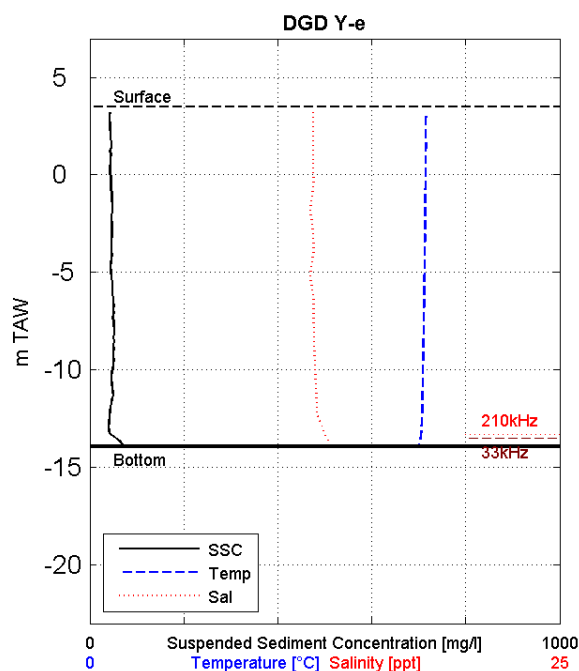
Sourcefile(s):

8234 Ye_ctd.sil

8249 Ye_ctd.sil

Location:

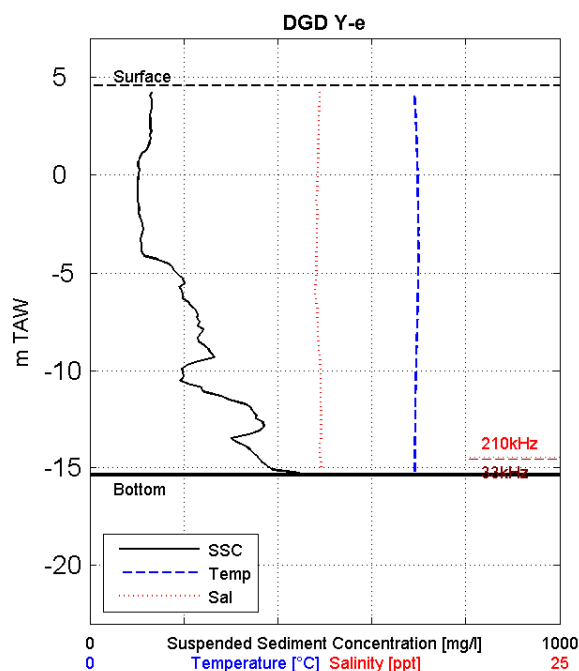
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:53
 Time after/before HT [MET]: 4:03
 Coordinates [UTM-ED50] Easting: 588833
 Coordinates [UTM-ED50] Northing: 5684416
 Water-Bottom Interface Siltpr. [m TAW]: -13.93
 Waterdepth 210 kHz Echo [m TAW]: -13.29
 Waterdepth 33 kHz Echo [m TAW]: -13.51
 Surface Elevation [m TAW]: 3.54

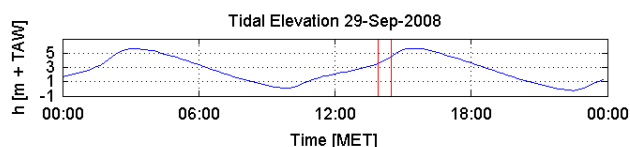
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.25	17.9	11.9	40
2.43	17.9	11.9	40
1.63	17.9	11.9	44
0.86	17.8	11.9	43
-0.04	17.9	11.9	44
-0.79	17.9	11.9	45
-1.67	17.8	11.7	47
-2.50	17.8	11.8	47
-3.34	17.8	11.9	45
-4.13	17.8	11.9	45
-4.91	17.8	11.8	45
-5.70	17.8	11.8	48
-6.49	17.8	11.9	48
-7.39	17.8	11.9	50
-8.28	17.8	11.9	49
-9.09	17.7	11.9	51
-9.90	17.7	12.0	48
-10.78	17.7	12.0	49
-11.62	17.7	12.0	45
-12.43	17.7	12.2	40
-13.27	17.6	12.5	39
-13.86	17.5	12.8	76
-13.93	17.5	12.8	94
Depth Avg	17.8	11.9	46



Siltprofiler

Date & Time [MET]: 29/9/2008 14:29
 Time after/before HT [MET]: 4:39
 Coordinates [UTM-ED50] Easting: 588801
 Coordinates [UTM-ED50] Northing: 5684496
 Water-Bottom Interface Siltpr. [m TAW]: -15.40
 Waterdepth 210 kHz Echo [m TAW]: -14.47
 Waterdepth 33 kHz Echo [m TAW]: -14.55
 Surface Elevation [m TAW]: 4.57

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.28	17.2	12.2	132
3.13	17.3	12.2	128
1.95	17.4	12.1	129
0.74	17.4	12.1	101
-0.36	17.4	12.1	100
-1.43	17.4	12.1	102
-2.45	17.5	12.1	112
-3.53	17.4	12.1	110
-4.59	17.5	12.1	169
-5.60	17.4	12.0	197
-6.61	17.4	12.1	214
-7.69	17.4	12.1	228
-8.62	17.4	12.1	236
-9.54	17.4	12.3	222
-10.56	17.3	12.3	196
-11.47	17.3	12.3	294
-12.39	17.3	12.3	358
-13.44	17.3	12.3	310
-14.42	17.3	12.3	356
-15.21	17.3	NaN	396
-15.26	17.3	NaN	416
-15.33	17.3	NaN	533
-15.40	17.3	NaN	533
Depth Avg	17.4	12.2	198



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

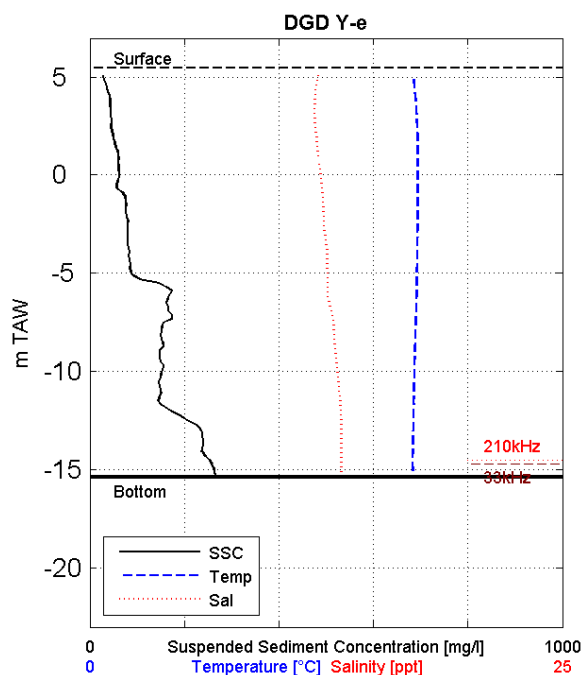
Sourcefile(s):

8279 Ye_ctd.sil

8294 Ye_ctd.sil

Location:

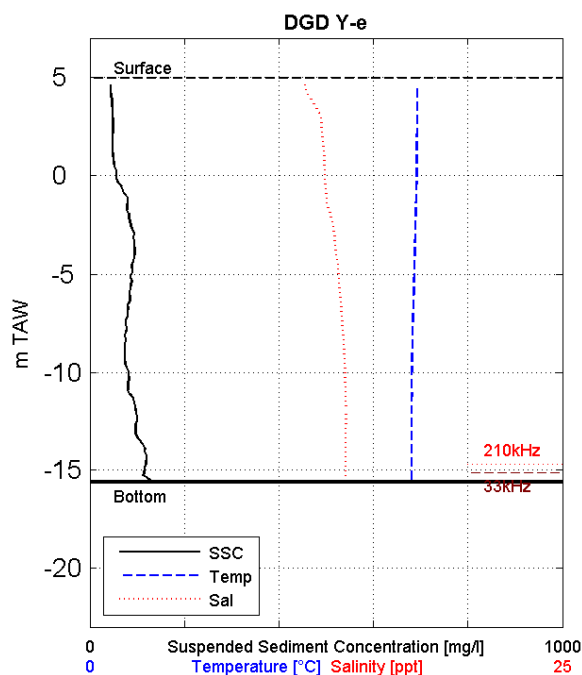
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:01
 Time after/before HT [MET]: 6:11
 Coordinates [UTM-ED50] Easting: 588778
 Coordinates [UTM-ED50] Northing: 5684495
 Water-Bottom Interface Siltpr. [m TAW]: -15.40
 Waterdepth 210 kHz Echo [m TAW]: -14.52
 Waterdepth 33 kHz Echo [m TAW]: -14.69
 Surface Elevation [m TAW]: 5.47

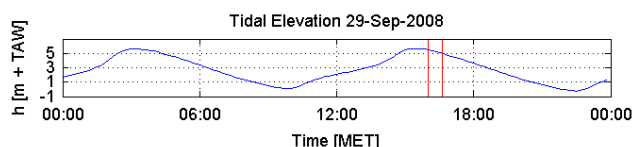
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.19	17.1	12.1	29
4.04	17.2	11.9	41
3.05	17.3	11.9	44
1.95	17.3	12.0	46
0.81	17.3	12.1	61
-0.32	17.3	12.3	58
-1.47	17.3	12.3	77
-2.46	17.3	12.4	79
-3.53	17.3	12.5	79
-4.64	17.3	12.6	84
-5.72	17.3	12.6	157
-6.68	17.3	12.7	165
-7.62	17.2	12.9	152
-8.65	17.2	12.9	155
-9.60	17.1	13.0	150
-10.56	17.1	13.1	147
-11.35	17.1	13.2	144
-12.29	17.1	13.3	194
-13.20	17.1	13.3	239
-14.08	17.1	13.3	238
-14.92	17.1	13.3	263
-15.35	17.1	NaN	273
-15.40	17.1	NaN	272
Depth Avg	17.2	12.6	120



Siltprofiler

Date & Time [MET]: 29/9/2008 16:37
 Time after/before HT [MET]: 6:47
 Coordinates [UTM-ED50] Easting: 588826
 Coordinates [UTM-ED50] Northing: 5684523
 Water-Bottom Interface Siltpr. [m TAW]: -15.64
 Waterdepth 210 kHz Echo [m TAW]: -14.70
 Waterdepth 33 kHz Echo [m TAW]: -15.13
 Surface Elevation [m TAW]: 4.98

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.69	17.3	11.4	45
3.65	17.3	11.8	47
2.82	17.3	12.2	49
1.73	17.3	12.3	46
0.66	17.3	12.4	51
-0.35	17.3	12.4	61
-1.34	17.2	12.5	78
-2.36	17.2	12.8	85
-3.40	17.2	13.0	95
-4.38	17.2	13.1	86
-5.39	17.1	13.2	89
-6.38	17.1	13.3	88
-7.40	17.1	13.3	73
-8.36	17.1	13.4	75
-9.37	17.0	13.5	75
-10.36	17.0	13.5	80
-11.36	17.0	13.5	91
-12.40	17.0	13.5	101
-13.38	17.0	13.5	100
-14.36	17.0	13.5	121
-15.41	17.0	NaN	113
-15.59	17.0	NaN	116
-15.64	17.0	NaN	214
Depth Avg	17.1	12.9	78



Data Processed by: 
 In association with: 
 I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

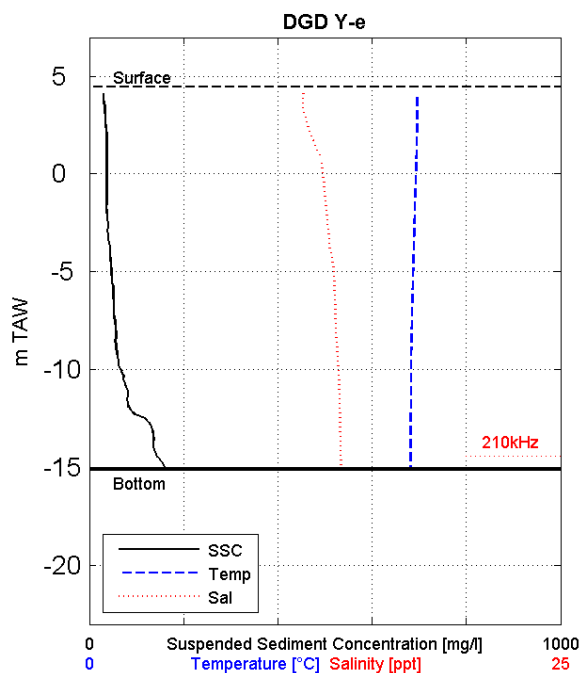
Sourcefile(s):

8309 Ye_ctd.sil

8324 Ye_ctd.sil

Location:

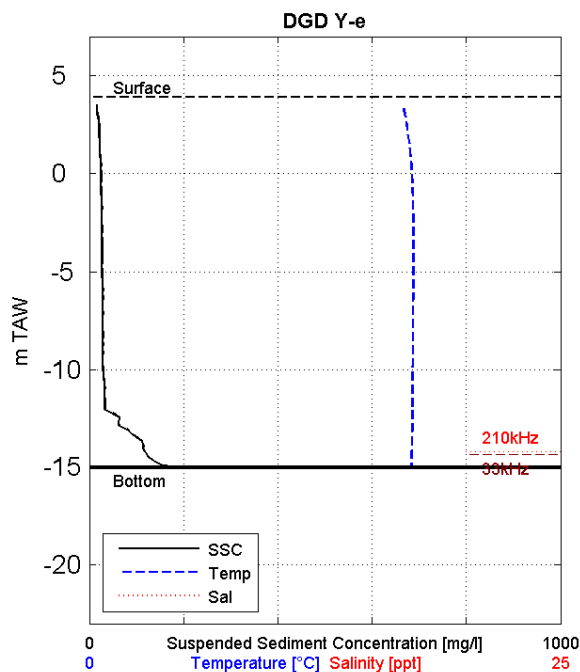
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:09
 Time after/before HT [MET]: 7:19
 Coordinates [UTM-ED50] Easting: 588798
 Coordinates [UTM-ED50] Northing: 5684505
 Water-Bottom Interface Siltpr. [m TAW]: -15.11
 Waterdepth 210 kHz Echo [m TAW]: -14.42
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.46

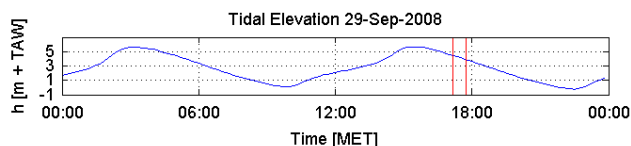
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.18	17.4	11.4	30
3.00	17.4	11.4	32
1.85	17.4	11.8	35
0.77	17.3	12.3	36
-0.32	17.3	12.4	36
-1.39	17.3	12.5	37
-2.28	17.3	12.6	39
-3.28	17.2	12.7	39
-4.27	17.2	12.9	44
-5.25	17.1	13.0	46
-6.16	17.1	13.0	51
-7.07	17.1	13.0	50
-7.96	17.1	13.1	55
-8.91	17.1	13.2	56
-9.80	17.1	13.2	62
-10.73	17.0	13.3	77
-11.69	17.1	13.3	80
-12.63	17.1	13.3	124
-13.59	17.0	13.3	136
-14.59	17.1	13.3	149
-14.99	17.0	13.3	159
-15.06	17.0	NaN	149
-15.11	17.0	NaN	149
Depth Avg	17.2	12.7	60



Siltprofiler

Date & Time [MET]: 29/9/2008 17:43
 Time after/before HT [MET]: 7:53
 Coordinates [UTM-ED50] Easting: 588783
 Coordinates [UTM-ED50] Northing: 5684503
 Water-Bottom Interface Siltpr. [m TAW]: -15.05
 Waterdepth 210 kHz Echo [m TAW]: -14.24
 Waterdepth 33 kHz Echo [m TAW]: -14.41
 Surface Elevation [m TAW]: 3.88

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.58	16.6	NaN	15
2.57	16.8	NaN	21
1.59	16.9	NaN	21
0.58	17.1	NaN	24
-0.43	17.1	NaN	24
-1.37	17.2	NaN	23
-2.45	17.2	NaN	25
-3.50	17.2	NaN	26
-4.43	17.2	NaN	26
-5.47	17.2	NaN	26
-6.38	17.1	NaN	29
-7.33	17.1	NaN	28
-8.19	17.1	NaN	29
-9.03	17.1	NaN	29
-9.92	17.1	NaN	29
-10.83	17.1	NaN	31
-11.76	17.1	NaN	32
-12.64	17.1	NaN	65
-13.48	17.1	NaN	100
-14.36	17.1	NaN	123
-14.96	17.1	NaN	270
-15.03	17.1	NaN	242
-15.05	17.1	NaN	174
Depth Avg	17.1	NaN	37



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

F.11 Location Za

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

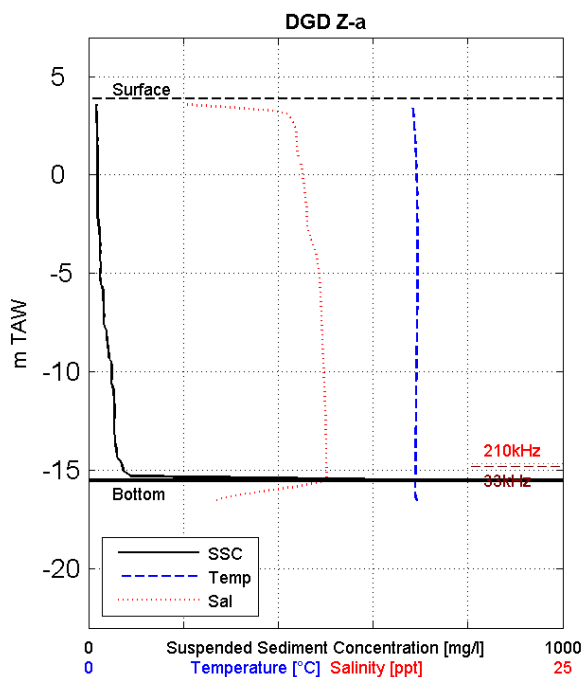
Sourcefile(s):

8018 Za_ctd.sil

8033 Za_ctd.sil

Location:

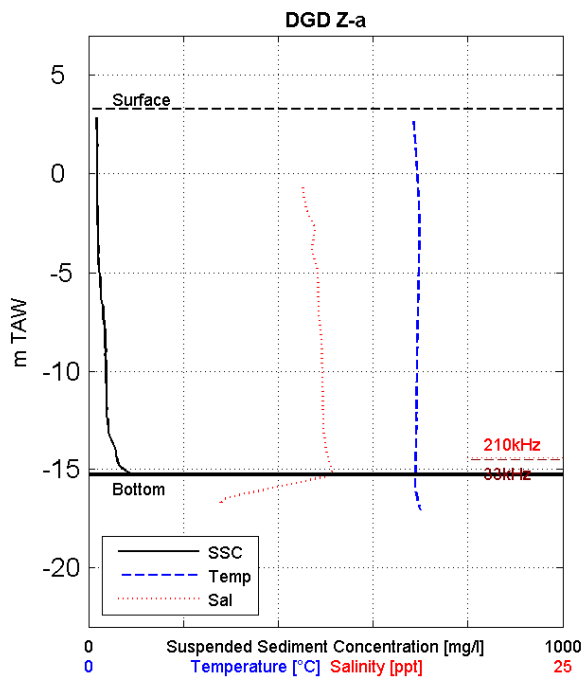
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:28
 Time after/before HT [MET]: 2:18
 Coordinates [UTM-ED50] Easting: 588672
 Coordinates [UTM-ED50] Northing: 5684111
 Water-Bottom Interface Siltpr. [m TAW]: -15.52
 Waterdepth 210 kHz Echo [m TAW]: -14.68
 Waterdepth 33 kHz Echo [m TAW]: -14.81
 Surface Elevation [m TAW]: 3.90

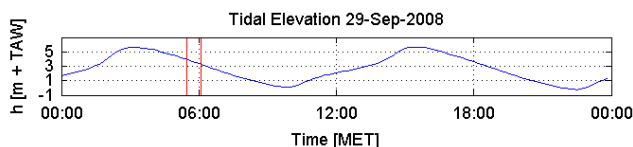
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.62	17.1	5.2	18
2.79	17.1	10.7	18
2.03	17.2	10.9	17
1.27	17.2	11.0	19
0.57	17.3	11.2	18
-0.29	17.3	11.3	18
-1.22	17.3	11.4	19
-2.07	17.3	11.5	18
-2.94	17.3	11.6	23
-3.80	17.3	11.9	23
-4.75	17.3	12.1	24
-5.66	17.3	12.2	27
-6.53	17.3	12.2	32
-7.44	17.3	12.3	32
-8.39	17.3	12.3	39
-9.35	17.3	12.4	43
-10.28	17.3	12.4	48
-11.19	17.3	12.4	53
-12.16	17.3	12.5	54
-13.14	17.2	12.5	53
-14.05	17.2	12.5	57
-15.00	17.2	12.5	73
-15.52	17.2	12.5	17426
Depth Avg	17.3	11.8	57



Siltprofiler

Date & Time [MET]: 29/9/2008 06:05
 Time after/before HT [MET]: 2:55
 Coordinates [UTM-ED50] Easting: 588685
 Coordinates [UTM-ED50] Northing: 5684110
 Water-Bottom Interface Siltpr. [m TAW]: -15.30
 Waterdepth 210 kHz Echo [m TAW]: -14.45
 Waterdepth 33 kHz Echo [m TAW]: -14.54
 Surface Elevation [m TAW]: 3.26

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.91	17.1	NaN	17
2.13	17.2	NaN	16
1.39	17.2	NaN	18
0.63	17.3	NaN	17
-0.13	17.3	NaN	17
-0.90	17.4	11.3	15
-1.68	17.4	11.4	18
-2.45	17.4	11.8	18
-3.24	17.4	11.9	19
-4.12	17.4	11.8	21
-5.05	17.4	12.1	22
-6.01	17.4	12.1	27
-6.95	17.4	12.1	31
-7.86	17.3	12.2	32
-8.74	17.3	12.3	34
-9.55	17.3	12.3	37
-10.41	17.3	12.3	36
-11.17	17.3	12.3	38
-12.10	17.3	12.4	39
-12.97	17.3	12.4	42
-13.88	17.3	12.5	54
-14.79	17.2	12.8	66
-15.30	17.2	12.8	98
Depth Avg	17.3	12.0	30



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

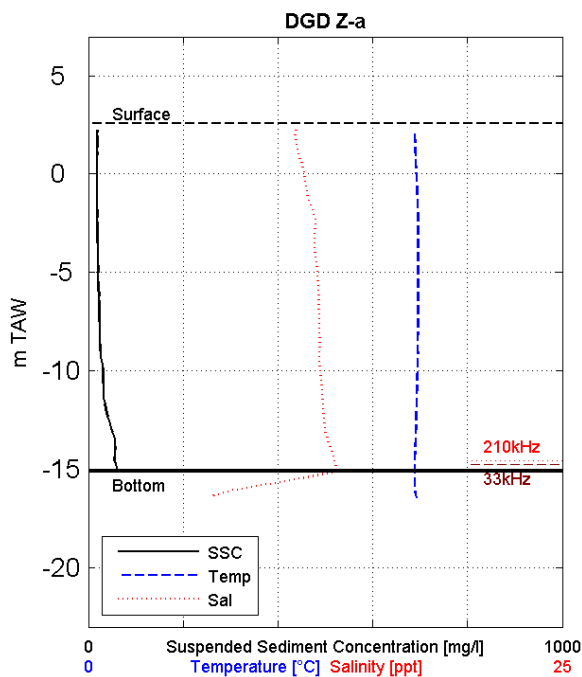
Sourcefile(s):

8049 Za_ctd.sil

8064 Za_ctd.sil

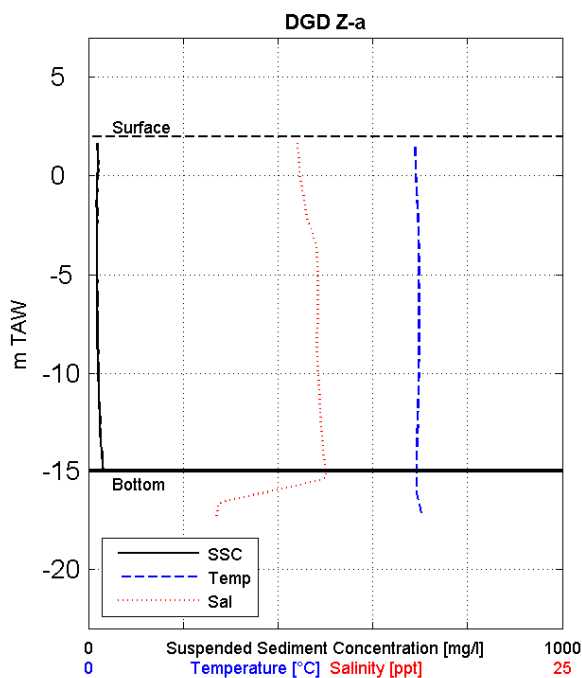
Location:

Deurganckdok



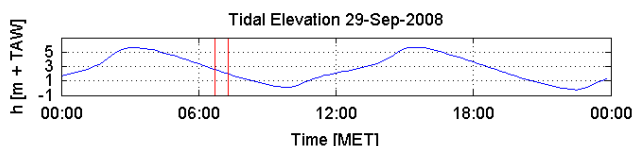
Siltprofiler
 Date & Time [MET]: 29/9/2008 06:42
 Time after/before HT [MET]: 3:32
 Coordinates [UTM-ED50] Easting: 588667
 Coordinates [UTM-ED50] Northing: 5684105
 Water-Bottom Interface Siltpr. [m TAW]: -15.10
 Waterdepth 210 kHz Echo [m TAW]: -14.54
 Waterdepth 33 kHz Echo [m TAW]: -14.75
 Surface Elevation [m TAW]: 2.60

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.28	17.2	11.0	18
1.34	17.2	11.0	18
0.53	17.3	11.2	17
-0.30	17.3	11.4	16
-1.16	17.3	11.6	17
-2.09	17.4	11.9	18
-2.96	17.4	11.9	19
-3.79	17.4	11.9	19
-4.56	17.4	12.0	19
-5.36	17.4	12.1	19
-6.20	17.4	12.1	21
-7.06	17.4	12.2	23
-7.83	17.4	12.2	23
-8.63	17.4	12.2	22
-9.42	17.4	12.2	28
-10.13	17.4	12.2	32
-10.95	17.3	12.3	30
-11.80	17.3	12.4	36
-12.62	17.3	12.4	45
-13.45	17.2	12.6	55
-14.17	17.2	12.9	55
-14.88	17.2	13.1	58
-15.10	17.2	13.1	58
Depth Avg	17.3	12.0	27



Siltprofiler
 Date & Time [MET]: 29/9/2008 07:16
 Time after/before HT [MET]: 4:06
 Coordinates [UTM-ED50] Easting: 588663
 Coordinates [UTM-ED50] Northing: 5684104
 Water-Bottom Interface Siltpr. [m TAW]: -14.99
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.97

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.68	17.2	11.0	18
0.96	17.3	11.1	18
0.10	17.3	11.1	20
-0.70	17.3	11.3	18
-1.52	17.4	11.4	17
-2.40	17.4	11.6	19
-3.26	17.4	12.0	18
-4.03	17.4	12.0	18
-4.74	17.4	12.1	18
-5.52	17.4	12.1	18
-6.34	17.4	12.1	18
-7.07	17.4	12.1	18
-7.88	17.4	12.1	18
-8.65	17.4	12.0	19
-9.48	17.4	12.1	19
-10.22	17.4	12.1	22
-10.98	17.4	12.2	22
-11.71	17.4	12.2	24
-12.48	17.3	12.3	24
-13.21	17.3	12.3	24
-13.96	17.3	12.4	27
-14.69	17.3	12.5	29
-14.99	17.3	12.5	32
Depth Avg	17.4	11.9	20



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

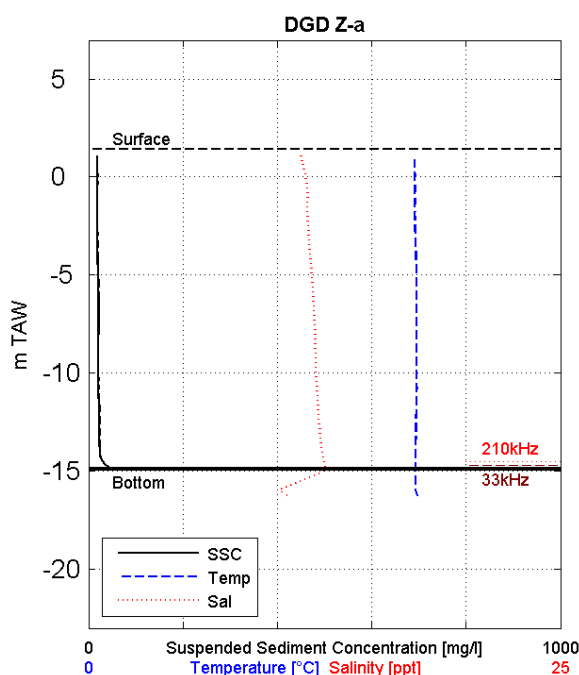
Sourcefile(s):

8079 Za_ctd.sil

8094 Za_ctd.sil

Location:

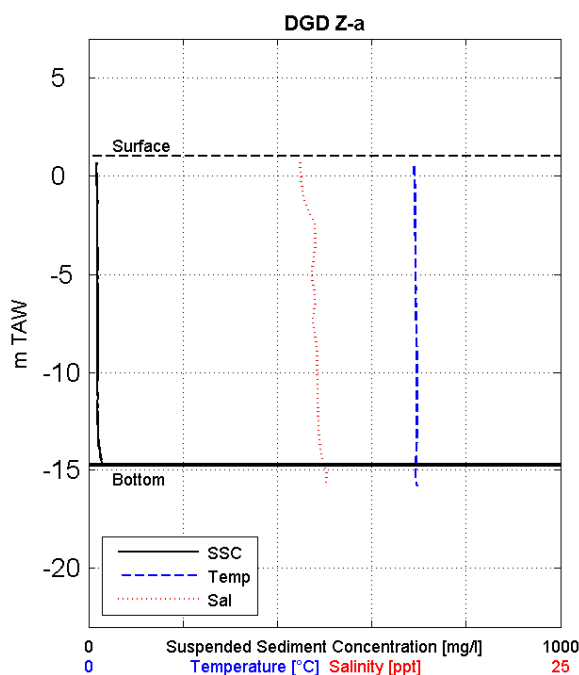
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:46
 Time after/before HT [MET]: 4:36
 Coordinates [UTM-ED50] Easting: 588674
 Coordinates [UTM-ED50] Northing: 5684116
 Water-Bottom Interface Siltpr. [m TAW]: -14.89
 Waterdepth 210 kHz Echo [m TAW]: -14.53
 Waterdepth 33 kHz Echo [m TAW]: -14.71
 Surface Elevation [m TAW]: 1.47

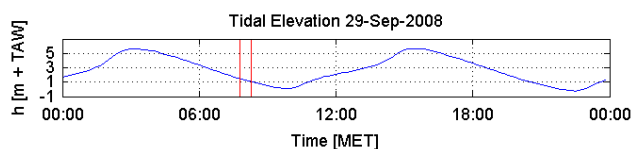
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.18	17.3	11.3	17
0.46	17.3	11.4	18
-0.25	17.3	11.5	18
-0.94	17.3	11.6	18
-1.69	17.3	11.6	18
-2.41	17.3	11.6	14
-3.19	17.3	11.7	19
-3.93	17.3	11.7	18
-4.67	17.4	11.8	20
-5.45	17.4	11.9	20
-6.19	17.4	11.9	21
-6.91	17.4	11.9	21
-7.69	17.4	12.0	20
-8.48	17.4	12.0	17
-9.26	17.4	12.0	19
-10.07	17.4	12.0	21
-10.86	17.4	12.1	20
-11.65	17.3	12.1	22
-12.41	17.4	12.2	22
-13.20	17.3	12.3	22
-14.01	17.3	12.3	22
-14.72	17.3	12.5	39
-14.89	17.3	12.5	44
Depth Avg	17.3	11.9	20



Siltprofiler

Date & Time [MET]: 29/9/2008 08:17
 Time after/before HT [MET]: 5:07
 Coordinates [UTM-ED50] Easting: 588673
 Coordinates [UTM-ED50] Northing: 5684109
 Water-Bottom Interface Siltpr. [m TAW]: -14.79
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.04

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.74	17.2	NaN	17
0.05	17.3	11.2	16
-0.69	17.3	11.3	15
-1.49	17.3	11.5	18
-2.31	17.3	11.9	17
-3.12	17.3	12.0	18
-3.88	17.3	11.9	19
-4.62	17.3	11.8	19
-5.38	17.3	11.9	17
-6.07	17.3	12.0	19
-6.76	17.3	11.9	16
-7.42	17.4	11.9	18
-8.08	17.3	12.0	19
-8.79	17.4	12.1	19
-9.44	17.4	12.1	19
-10.17	17.4	12.1	18
-10.89	17.4	12.1	16
-11.64	17.4	12.1	18
-12.40	17.4	12.2	19
-13.12	17.4	12.2	18
-13.79	17.4	12.2	22
-14.54	17.3	12.4	27
-14.79	17.3	12.5	32
Depth Avg	17.3	11.9	18



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

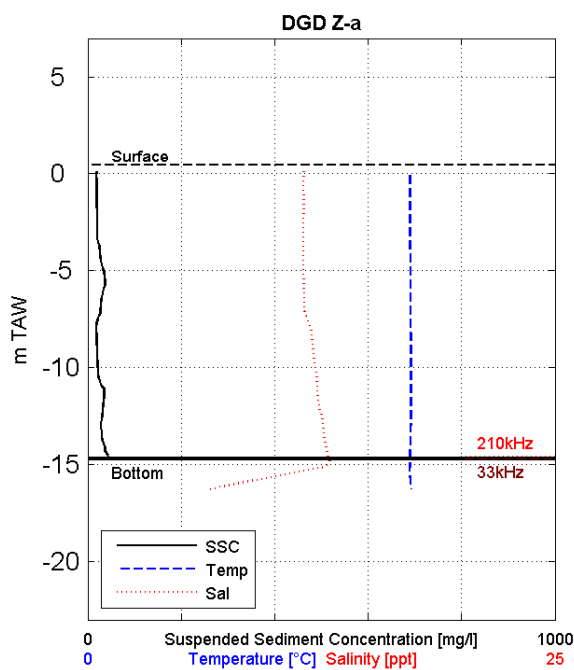
Sourcefile(s):

8114 Za_ctd.sil

8129 Za_ctd.sil

Location:

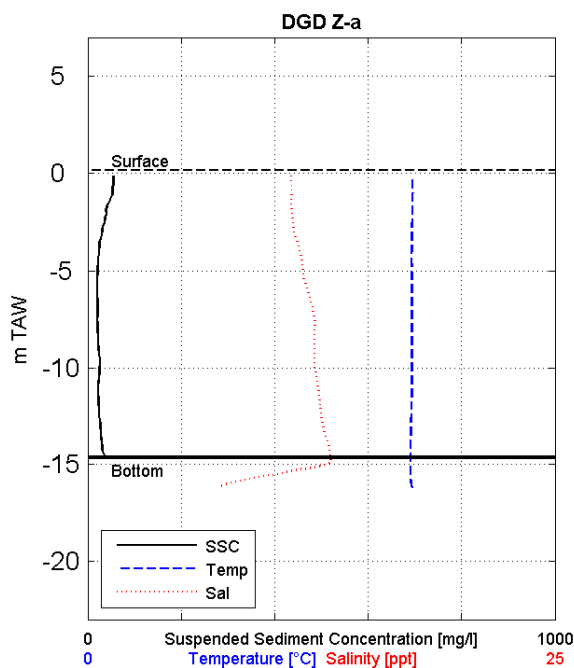
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 09:05
 Time after/before HT [MET]: 5:55
 Coordinates [UTM-ED50] Easting: 588671
 Coordinates [UTM-ED50] Northing: 5684106
 Water-Bottom Interface Siltpr. [m TAW]: -14.71
 Waterdepth 210 kHz Echo [m TAW]: -14.57
 Waterdepth 33 kHz Echo [m TAW]: -14.70
 Surface Elevation [m TAW]: 0.44

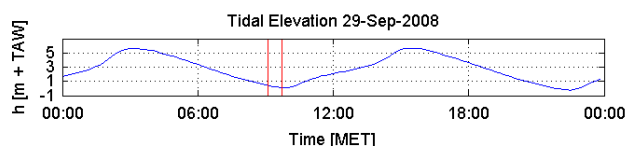
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.16	17.2	11.6	18
-0.50	17.2	11.5	17
-1.18	17.2	11.5	19
-1.80	17.2	11.6	19
-2.41	17.2	11.5	18
-3.06	17.2	11.5	17
-3.72	17.2	11.5	25
-4.40	17.2	11.5	27
-5.12	17.2	11.5	35
-5.81	17.3	11.6	34
-6.57	17.2	11.6	28
-7.33	17.2	11.7	24
-8.07	17.3	11.9	18
-8.80	17.3	12.0	22
-9.52	17.3	12.1	20
-10.26	17.3	12.2	21
-10.95	17.3	12.3	30
-11.65	17.3	12.3	34
-12.29	17.3	12.4	32
-13.03	17.3	12.6	23
-13.70	17.2	12.7	32
-14.46	17.2	12.8	42
-14.71	17.2	12.9	609
Depth Avg			
17.3			
11.9			
26			



Siltprofiler

Date & Time [MET]: 29/9/2008 09:42
 Time after/before HT [MET]: 6:32
 Coordinates [UTM-ED50] Easting: 588670
 Coordinates [UTM-ED50] Northing: 5684111
 Water-Bottom Interface Siltpr. [m TAW]: -14.66
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.16

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.13	17.4	10.9	54
-0.87	17.4	10.9	53
-1.63	17.4	10.9	40
-2.37	17.4	10.9	36
-3.06	17.3	11.0	29
-3.77	17.3	11.3	24
-4.46	17.3	11.4	21
-5.17	17.3	11.5	21
-5.78	17.3	11.7	20
-6.47	17.3	11.9	20
-7.14	17.3	12.1	21
-7.90	17.3	12.1	21
-8.71	17.4	12.1	20
-9.40	17.3	12.1	26
-10.13	17.4	12.2	25
-10.78	17.3	12.3	22
-11.41	17.3	12.4	23
-12.03	17.3	12.4	24
-12.65	17.3	12.5	25
-13.23	17.3	12.6	28
-13.82	17.3	12.8	30
-14.46	17.2	12.9	33
-14.66	17.3	13.0	11896
Depth Avg			
17.3			
11.8			
56			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

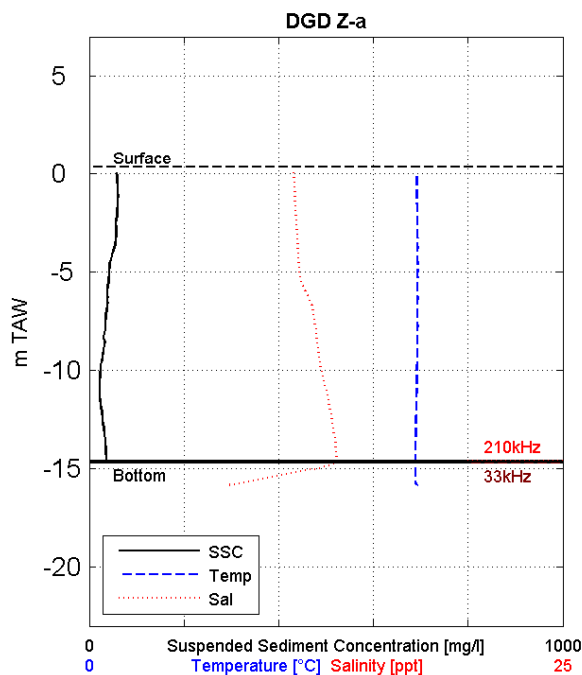
Sourcefile(s):

8144 Za_ctd.sil

8159 Za_ctd.sil

Location:

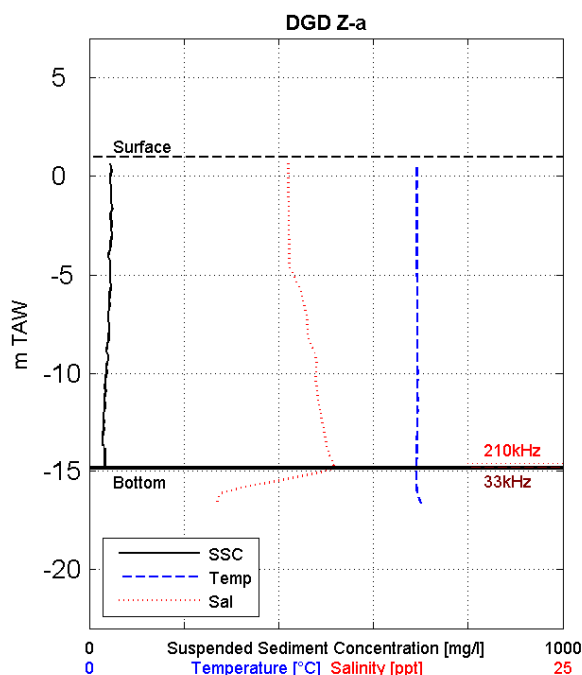
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:15
Time after/before HT [MET]: 0:25
Coordinates [UTM-ED50] Easting: 588674
Coordinates [UTM-ED50] Northing: 5684118
Water-Bottom Interface Siltpr. [m TAW]: -14.65
Waterdepth 210 kHz Echo [m TAW]: -14.58
Waterdepth 33 kHz Echo [m TAW]: -14.69
Surface Elevation [m TAW]: 0.32

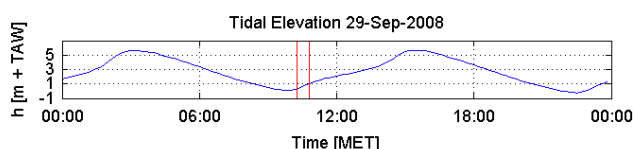
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.04	17.3	10.8	58
-0.60	17.3	10.8	59
-1.28	17.3	10.8	62
-1.95	17.3	10.9	59
-2.71	17.3	10.9	56
-3.49	17.3	11.0	55
-4.23	17.3	11.0	46
-4.99	17.3	11.1	41
-5.73	17.3	11.3	39
-6.40	17.3	11.6	38
-7.08	17.3	11.8	35
-7.67	17.3	11.9	32
-8.28	17.3	12.0	28
-8.93	17.3	12.1	30
-9.59	17.3	12.2	26
-10.22	17.3	12.3	22
-10.81	17.3	12.4	22
-11.48	17.3	12.6	22
-12.20	17.3	12.7	27
-12.91	17.2	12.9	31
-13.64	17.2	13.0	34
-14.31	17.2	13.0	35
-14.65	17.2	13.1	35
Depth Avg	17.3	11.8	39



Siltprofiler

Date & Time [MET]: 29/9/2008 10:47
Time after/before HT [MET]: 0:57
Coordinates [UTM-ED50] Easting: 588668
Coordinates [UTM-ED50] Northing: 5684110
Water-Bottom Interface Siltpr. [m TAW]: -14.86
Waterdepth 210 kHz Echo [m TAW]: -14.63
Waterdepth 33 kHz Echo [m TAW]: -14.82
Surface Elevation [m TAW]: 1.00

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.71	17.3	10.5	43
-0.01	17.3	10.5	44
-0.85	17.3	10.5	45
-1.68	17.3	10.5	49
-2.46	17.3	10.5	46
-3.21	17.3	10.5	45
-4.01	17.3	10.5	40
-4.77	17.3	10.7	43
-5.52	17.3	11.0	45
-6.25	17.3	11.3	42
-6.89	17.3	11.4	41
-7.60	17.3	11.5	41
-8.31	17.3	11.6	41
-9.03	17.3	11.9	38
-9.76	17.3	12.0	36
-10.40	17.3	11.9	33
-11.12	17.3	12.0	31
-11.88	17.3	12.2	32
-12.62	17.3	12.3	31
-13.30	17.3	12.4	27
-14.04	17.3	12.6	32
-14.66	17.3	12.9	33
-14.86	17.2	13.0	32
Depth Avg	17.3	11.4	39



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

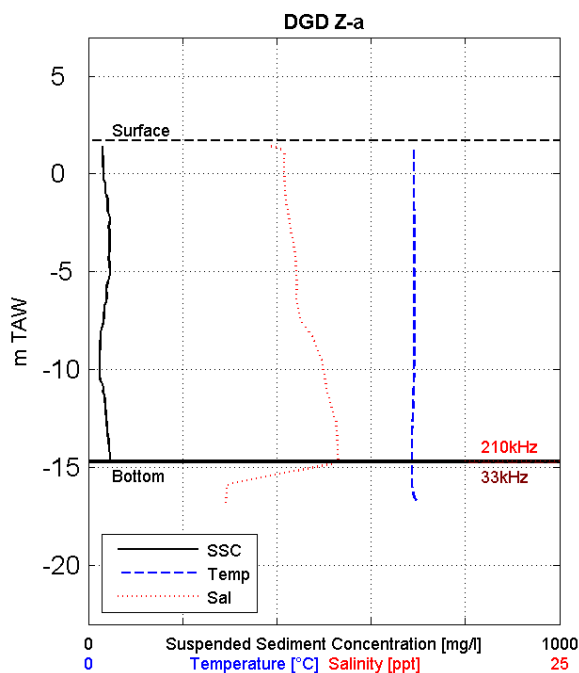
SiltProfiler & CTD-Diver

Sourcefile(s):

8174 Za_ctd.sil
8189 Za_ctd.sil

Location:

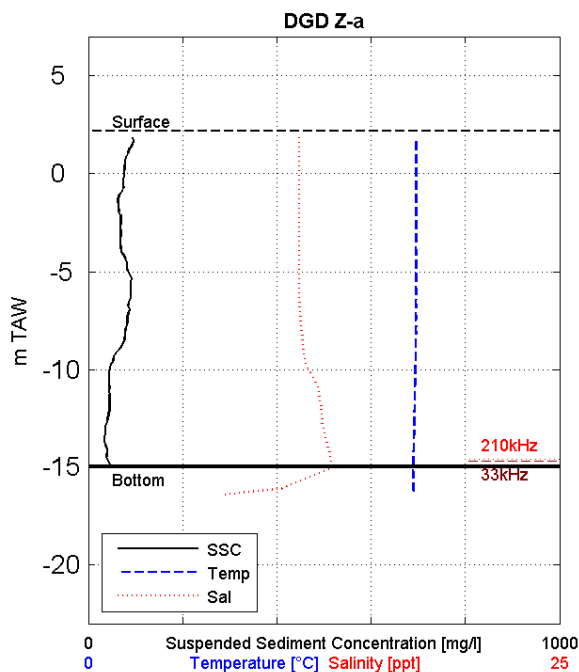
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 11:29
Time after/before HT [MET]: 1:39
Coordinates [UTM-ED50] Easting: 588688
Coordinates [UTM-ED50] Northing: 5684111
Water-Bottom Interface Siltpr. [m TAW]: -14.72
Waterdepth 210 kHz Echo [m TAW]: -14.66
Waterdepth 33 kHz Echo [m TAW]: -14.77
Surface Elevation [m TAW]: 1.75

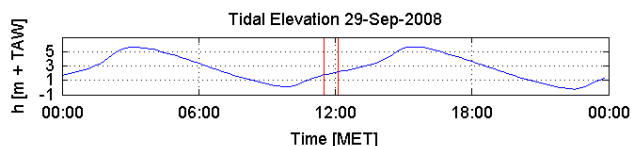
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.45	17.2	9.7	30
0.66	17.3	10.4	30
-0.18	17.3	10.4	31
-0.94	17.3	10.4	35
-1.72	17.3	10.5	41
-2.53	17.3	10.7	44
-3.37	17.3	10.8	44
-4.18	17.3	11.0	45
-4.96	17.3	11.0	45
-5.71	17.3	11.0	39
-6.41	17.3	11.0	39
-7.08	17.3	11.2	32
-7.84	17.3	11.5	30
-8.58	17.3	12.0	26
-9.29	17.3	12.3	24
-10.03	17.3	12.5	22
-10.76	17.3	12.6	29
-11.46	17.2	12.8	34
-12.19	17.2	13.0	38
-12.91	17.2	13.2	40
-13.60	17.1	13.2	42
-14.31	17.1	13.2	45
-14.72	17.1	13.2	48
Depth Avg	17.2	11.5	36



Siltprofiler

Date & Time [MET]: 29/9/2008 12:07
Time after/before HT [MET]: 2:17
Coordinates [UTM-ED50] Easting: 588672
Coordinates [UTM-ED50] Northing: 5684114
Water-Bottom Interface Siltpr. [m TAW]: -15.00
Waterdepth 210 kHz Echo [m TAW]: -14.60
Waterdepth 33 kHz Echo [m TAW]: -14.70
Surface Elevation [m TAW]: 2.18

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.86	17.4	11.2	95
1.02	17.4	11.2	82
0.11	17.4	11.2	75
-0.70	17.4	11.2	76
-1.46	17.4	11.2	62
-2.24	17.4	11.2	69
-3.03	17.4	11.2	69
-3.82	17.3	11.2	69
-4.61	17.4	11.2	83
-5.42	17.4	11.2	92
-6.16	17.4	11.2	91
-6.99	17.4	11.2	87
-7.82	17.4	11.3	79
-8.66	17.4	11.4	74
-9.44	17.4	11.5	55
-10.13	17.3	11.8	42
-10.87	17.3	12.2	45
-11.66	17.3	12.3	43
-12.37	17.3	12.4	41
-13.14	17.2	12.5	35
-13.85	17.3	12.7	36
-14.63	17.3	12.9	41
-15.00	17.2	12.9	45
Depth Avg	17.3	11.6	66



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

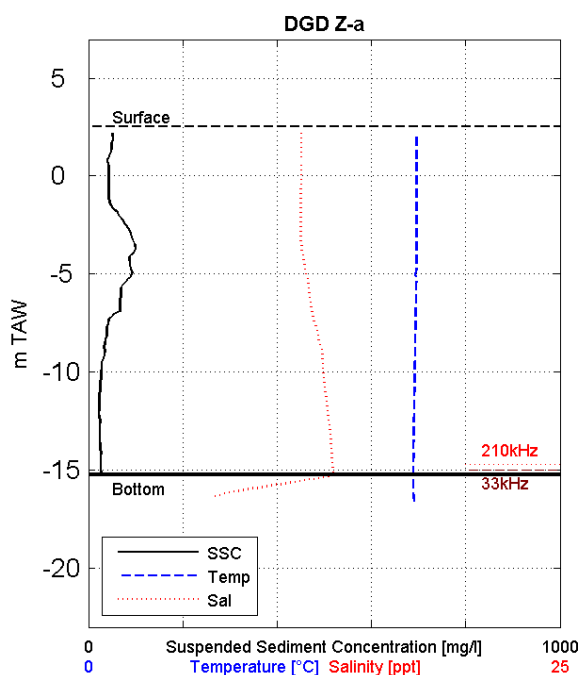
SiltProfiler & CTD-Diver

Sourcefile(s):

8204 Za_ctd.sil
8224 Za_ctd.sil

Location:

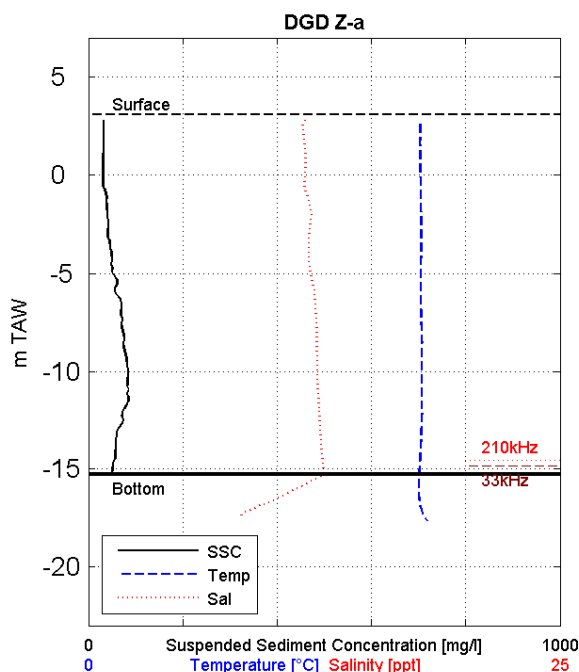
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:42
Time after/before HT [MET]: 2:52
Coordinates [UTM-ED50] Easting: 588683
Coordinates [UTM-ED50] Northing: 5684092
Water-Bottom Interface Siltpr. [m TAW]: -15.25
Waterdepth 210 kHz Echo [m TAW]: -14.70
Waterdepth 33 kHz Echo [m TAW]: -14.99
Surface Elevation [m TAW]: 2.55

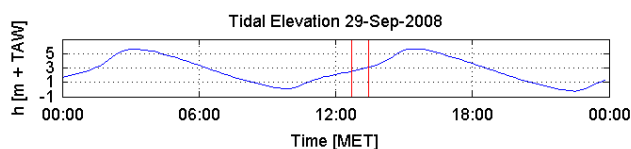
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.25	17.4	11.3	50
1.37	17.4	11.3	48
0.46	17.4	11.3	43
-0.33	17.4	11.3	44
-1.11	17.4	11.3	41
-1.95	17.4	11.2	65
-2.79	17.4	11.2	89
-3.64	17.4	11.3	100
-4.51	17.4	11.4	87
-5.39	17.4	11.6	77
-6.25	17.4	11.7	67
-7.09	17.3	11.9	49
-7.94	17.3	12.1	39
-8.73	17.3	12.3	34
-9.54	17.3	12.4	27
-10.30	17.3	12.5	26
-11.06	17.3	12.6	24
-11.85	17.2	12.7	22
-12.61	17.3	12.7	26
-13.37	17.2	12.8	23
-14.13	17.2	12.9	27
-14.92	17.2	12.9	25
-15.25	17.2	13.0	27
Depth Avg	17.3	11.9	48



Siltprofiler

Date & Time [MET]: 29/9/2008 13:27
Time after/before HT [MET]: 3:37
Coordinates [UTM-ED50] Easting: 588668
Coordinates [UTM-ED50] Northing: 5684104
Water-Bottom Interface Siltpr. [m TAW]: -15.30
Waterdepth 210 kHz Echo [m TAW]: -14.60
Waterdepth 33 kHz Echo [m TAW]: -14.88
Surface Elevation [m TAW]: 3.09

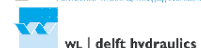
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.81	17.6	11.5	31
2.05	17.6	11.4	31
1.24	17.6	11.5	31
0.35	17.6	11.5	32
-0.55	17.6	11.4	32
-1.59	17.6	11.7	39
-2.50	17.6	11.7	41
-3.38	17.6	11.6	45
-4.29	17.6	11.7	48
-5.13	17.6	11.8	54
-5.94	17.6	12.0	56
-6.68	17.6	12.0	69
-7.54	17.6	12.1	69
-8.32	17.7	12.1	75
-9.11	17.7	12.1	79
-9.90	17.7	12.1	84
-10.76	17.7	12.1	83
-11.66	17.7	12.2	82
-12.60	17.7	12.2	74
-13.36	17.6	12.3	58
-14.20	17.6	12.4	55
-15.01	17.6	12.4	52
-15.30	17.5	12.5	48
Depth Avg	17.6	11.9	55



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

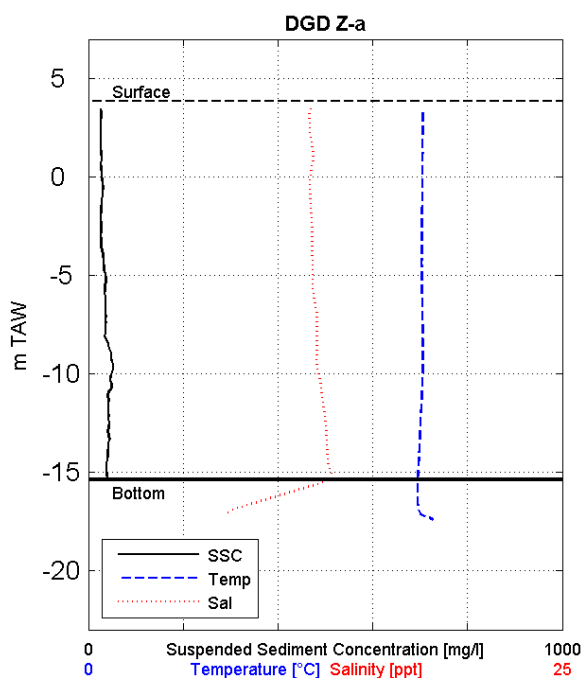
Sourcefile(s):

8239 Za_ctd.sil

8254 Za_ctd.sil

Location:

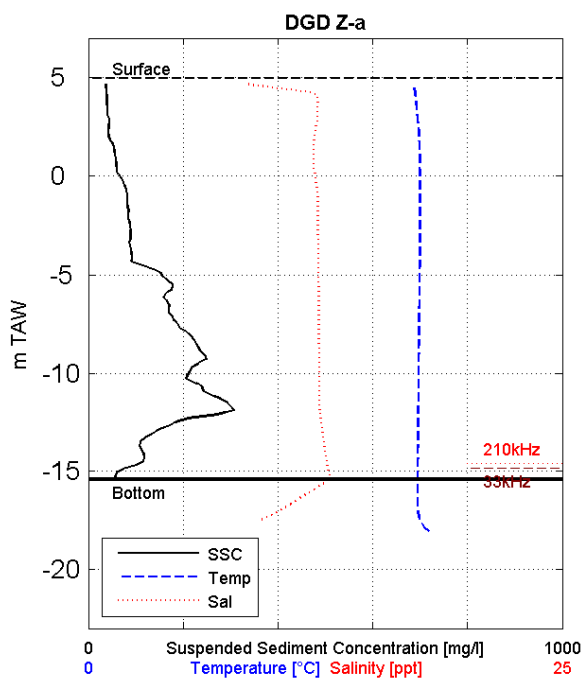
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 14:06
Time after/before HT [MET]: 4:16
Coordinates [UTM-ED50] Easting: 588667
Coordinates [UTM-ED50] Northing: 5684097
Water-Bottom Interface Siltpr. [m TAW]: -15.36
Waterdepth 210 kHz Echo [m TAW]: NaN
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 3.85

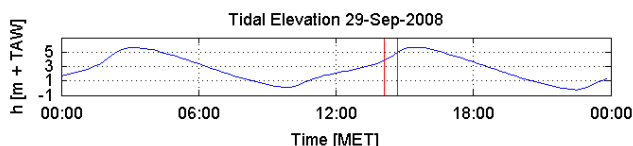
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.56	17.6	11.8	27
2.62	17.6	11.6	26
1.72	17.6	11.8	26
0.85	17.6	11.8	27
-0.11	17.6	11.7	29
-1.06	17.6	11.7	27
-2.07	17.6	11.8	25
-2.96	17.6	11.8	26
-3.82	17.6	11.8	30
-4.73	17.6	11.8	34
-5.61	17.6	11.8	35
-6.49	17.6	12.0	35
-7.40	17.6	12.0	34
-8.27	17.6	12.1	38
-9.17	17.6	12.0	47
-10.04	17.6	12.1	48
-10.90	17.6	12.3	41
-11.87	17.6	12.4	40
-12.66	17.5	12.5	43
-13.47	17.5	12.6	44
-14.24	17.4	12.6	41
-14.98	17.3	12.8	38
-15.36	17.4	12.9	37
Depth Avg			
17.6 12.0 34			



Siltprofiler

Date & Time [MET]: 29/9/2008 14:41
Time after/before HT [MET]: 4:51
Coordinates [UTM-ED50] Easting: 588659
Coordinates [UTM-ED50] Northing: 5684116
Water-Bottom Interface Siltpr. [m TAW]: -15.43
Waterdepth 210 kHz Echo [m TAW]: -14.61
Waterdepth 33 kHz Echo [m TAW]: -14.86
Surface Elevation [m TAW]: 4.95

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.67	17.1	8.3	37
3.54	17.3	12.1	38
2.73	17.4	12.0	44
1.82	17.4	11.9	47
0.81	17.5	11.9	59
-0.19	17.5	12.0	71
-1.11	17.5	12.1	82
-2.06	17.5	12.1	82
-3.09	17.5	12.1	89
-4.05	17.4	12.1	93
-4.99	17.5	12.1	154
-5.85	17.4	12.1	165
-6.73	17.4	12.1	168
-7.62	17.4	12.1	192
-8.55	17.4	12.1	230
-9.49	17.4	12.2	228
-10.47	17.4	12.1	227
-11.35	17.4	12.2	287
-12.24	17.4	12.2	232
-13.22	17.4	12.4	123
-14.16	17.3	12.5	118
-15.01	17.4	12.7	63
-15.43	17.3	12.7	60
Depth Avg			
17.4 12.0 128			



Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

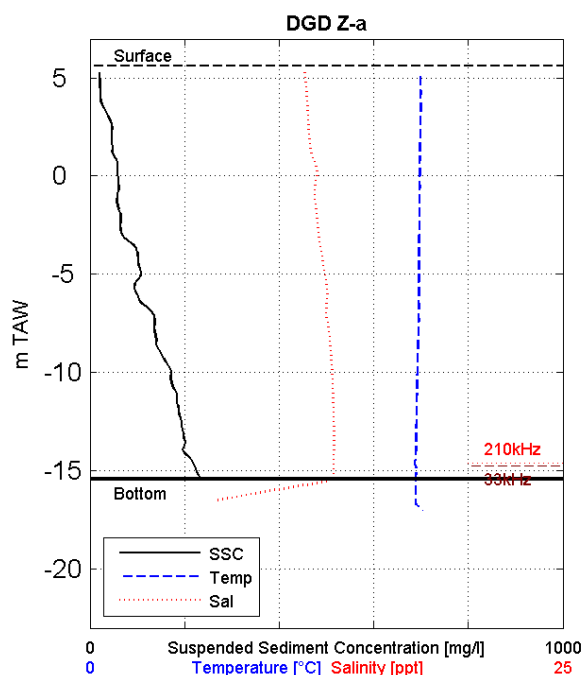
Sourcefile(s):

8269 Za_ctd.sil

8284 Za_ctd.sil

Location:

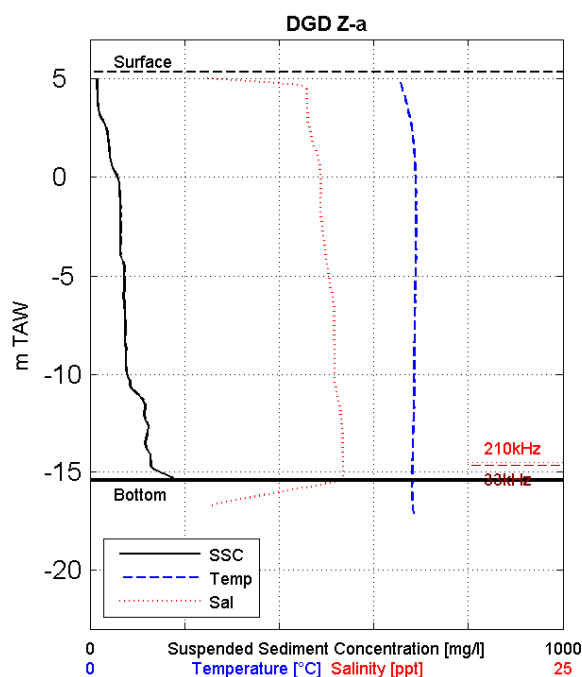
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 15:34
 Time after/before HT [MET]: 5:44
 Coordinates [UTM-ED50] Easting: 588678
 Coordinates [UTM-ED50] Northing: 5684120
 Water-Bottom Interface Siltpr. [m TAW]: -15.44
 Waterdepth 210 kHz Echo [m TAW]: -14.59
 Waterdepth 33 kHz Echo [m TAW]: -14.75
 Surface Elevation [m TAW]: 5.65

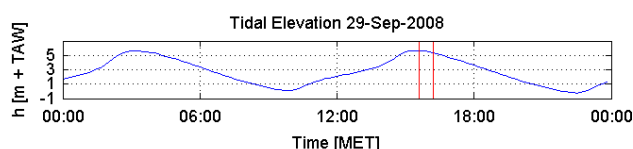
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.35	17.4	11.3	21
4.47	17.5	11.4	21
3.60	17.4	11.5	27
2.80	17.4	11.5	44
1.86	17.4	11.6	48
0.95	17.4	11.8	55
-0.11	17.4	11.9	60
-1.04	17.4	11.9	58
-2.04	17.4	12.0	65
-2.98	17.4	12.1	66
-4.06	17.4	12.2	100
-5.02	17.4	12.4	107
-6.03	17.4	12.5	100
-6.99	17.3	12.5	133
-7.95	17.3	12.6	137
-8.98	17.3	12.7	150
-9.98	17.3	12.8	171
-11.01	17.3	12.8	183
-12.03	17.3	12.9	188
-13.05	17.2	12.9	197
-13.99	17.2	12.9	194
-14.95	17.2	12.9	224
-15.44	17.2	12.9	230
Depth Avg	17.4	12.3	109



Siltprofiler

Date & Time [MET]: 29/9/2008 16:12
 Time after/before HT [MET]: 6:22
 Coordinates [UTM-ED50] Easting: 588686
 Coordinates [UTM-ED50] Northing: 5684108
 Water-Bottom Interface Siltpr. [m TAW]: -15.44
 Waterdepth 210 kHz Echo [m TAW]: -14.53
 Waterdepth 33 kHz Echo [m TAW]: -14.69
 Surface Elevation [m TAW]: 5.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.06	16.3	5.8	15
4.24	16.6	11.4	16
3.26	16.8	11.5	21
2.50	17.0	11.6	36
1.64	17.1	11.8	39
0.78	17.2	12.1	45
-0.15	17.2	12.2	60
-1.09	17.2	12.2	62
-2.03	17.2	12.2	63
-3.00	17.2	12.3	65
-3.94	17.2	12.4	64
-4.95	17.2	12.6	72
-5.98	17.2	12.8	70
-7.02	17.2	12.9	74
-8.04	17.1	12.9	75
-9.05	17.1	12.9	76
-10.11	17.1	12.9	79
-11.11	17.1	13.1	105
-12.13	17.1	13.3	115
-13.11	17.1	13.3	121
-14.09	17.1	13.4	128
-15.05	17.1	13.4	150
-15.44	17.0	13.3	186
Depth Avg	17.1	12.4	72



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

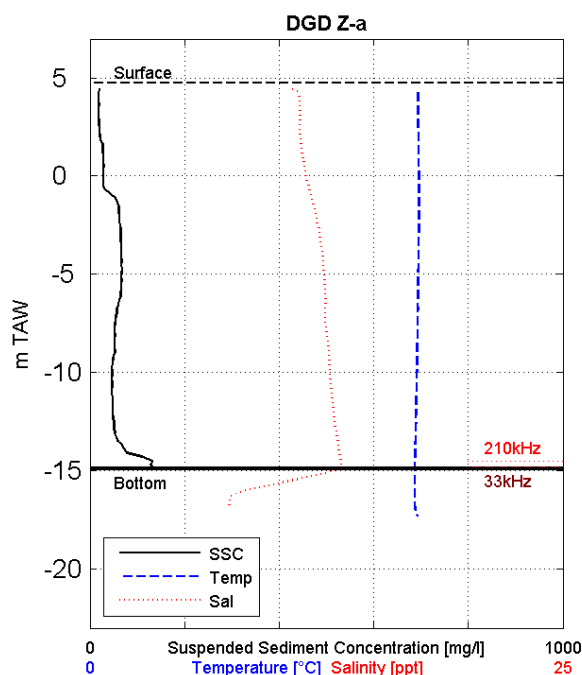
Sourcefile(s):

8299 Za_ctd.sil

8314 Za_ctd.sil

Location:

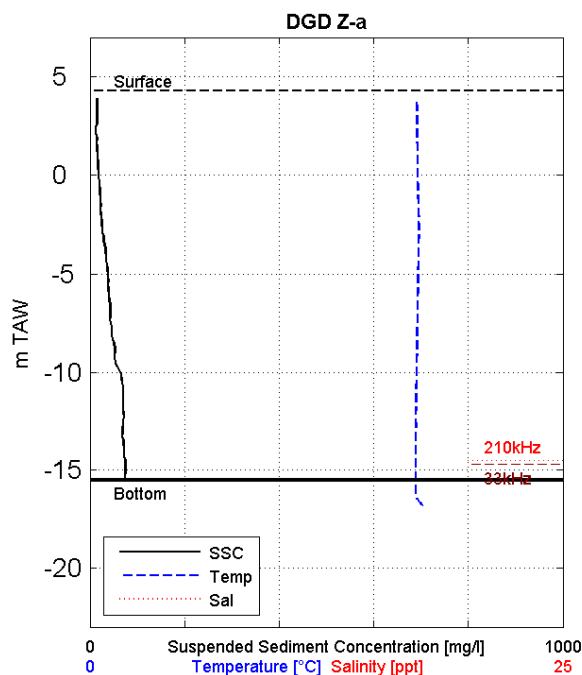
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:49
 Time after/before HT [MET]: 6:59
 Coordinates [UTM-ED50] Easting: 588679
 Coordinates [UTM-ED50] Northing: 5684104
 Water-Bottom Interface Siltpr. [m TAW]: -14.92
 Waterdepth 210 kHz Echo [m TAW]: -14.53
 Waterdepth 33 kHz Echo [m TAW]: -14.81
 Surface Elevation [m TAW]: 4.79

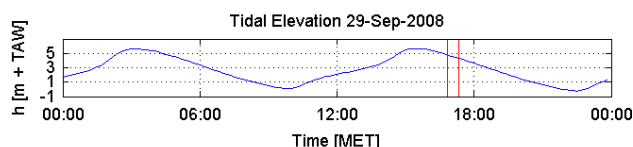
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.50	17.3	10.6	22
3.56	17.3	11.1	17
2.63	17.3	11.1	18
1.65	17.3	11.2	26
0.73	17.4	11.3	28
-0.17	17.4	11.4	27
-1.13	17.4	11.7	53
-1.99	17.4	11.9	60
-2.87	17.4	12.1	64
-3.81	17.3	12.3	65
-4.72	17.3	12.3	67
-5.58	17.3	12.4	65
-6.39	17.3	12.4	62
-7.23	17.3	12.4	54
-8.16	17.3	12.5	52
-9.17	17.3	12.6	49
-10.07	17.3	12.7	47
-11.01	17.3	12.8	46
-12.00	17.2	12.9	48
-12.88	17.2	13.0	50
-13.84	17.2	13.1	70
-14.74	17.2	13.3	129
-14.92	17.1	13.2	146
Depth Avg			
17.3			
12.1			
49			



Siltprofiler

Date & Time [MET]: 29/9/2008 17:20
 Time after/before HT [MET]: 7:30
 Coordinates [UTM-ED50] Easting: 588670
 Coordinates [UTM-ED50] Northing: 5684114
 Water-Bottom Interface Siltpr. [m TAW]: -15.52
 Waterdepth 210 kHz Echo [m TAW]: -14.54
 Waterdepth 33 kHz Echo [m TAW]: -14.72
 Surface Elevation [m TAW]: 4.28

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.96	17.3	NaN	14
3.03	17.2	NaN	15
2.05	17.3	NaN	14
1.12	17.3	NaN	14
0.20	17.3	NaN	17
-0.70	17.3	NaN	21
-1.61	17.4	NaN	21
-2.52	17.4	NaN	24
-3.60	17.3	NaN	31
-4.44	17.4	NaN	35
-5.32	17.3	NaN	39
-6.31	17.3	NaN	40
-7.20	17.3	NaN	41
-8.15	17.3	NaN	45
-9.11	17.3	NaN	52
-9.94	17.3	NaN	62
-10.86	17.2	NaN	69
-11.79	17.2	NaN	72
-12.63	17.2	NaN	69
-13.49	17.2	NaN	70
-14.34	17.2	NaN	73
-15.21	17.2	NaN	73
-15.52	17.2	NaN	1690
Depth Avg			
17.3			
NaN			
43			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

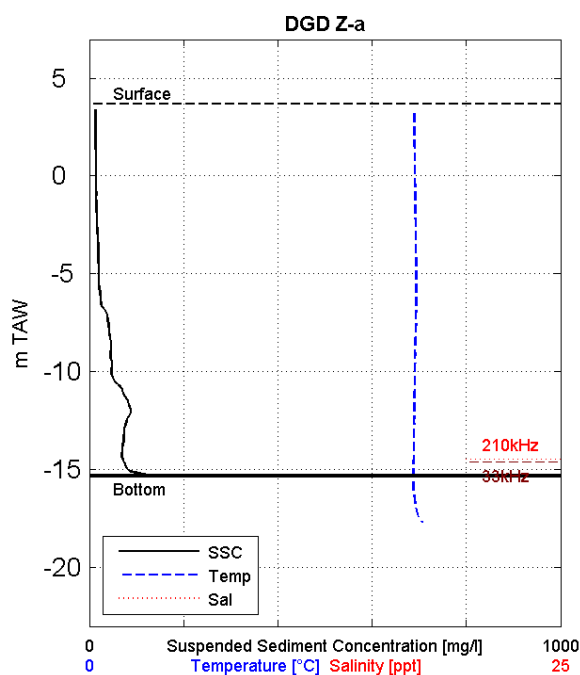
SiltProfiler & CTD-Diver

Sourcefile(s):

8329 Za_ctd.sil

Location:

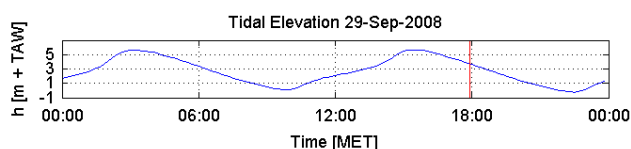
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:54
 Time after/before HT [MET]: 8:04
 Coordinates [UTM-ED50] Easting: 588662
 Coordinates [UTM-ED50] Northing: 5684123
 Water-Bottom Interface Siltpr. [m TAW]: -15.31
 Waterdepth 210 kHz Echo [m TAW]: -14.47
 Waterdepth 33 kHz Echo [m TAW]: -14.62
 Surface Elevation [m TAW]: 3.72

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.44	17.2	NaN	13
2.58	17.3	NaN	13
1.82	17.3	NaN	12
0.83	17.3	NaN	13
-0.03	17.3	NaN	14
-0.96	17.3	NaN	13
-1.84	17.3	NaN	16
-2.77	17.3	NaN	17
-3.71	17.3	NaN	18
-4.55	17.3	NaN	21
-5.38	17.3	NaN	19
-6.21	17.3	NaN	26
-7.13	17.3	NaN	38
-8.03	17.3	NaN	41
-8.94	17.3	NaN	45
-9.81	17.3	NaN	45
-10.69	17.3	NaN	63
-11.63	17.2	NaN	82
-12.53	17.2	NaN	79
-13.37	17.2	NaN	73
-14.21	17.2	NaN	69
-14.99	17.2	NaN	80
-15.31	17.2	NaN	91
Depth Avg	17.3	NaN	36



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

F.12 Location Zb

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

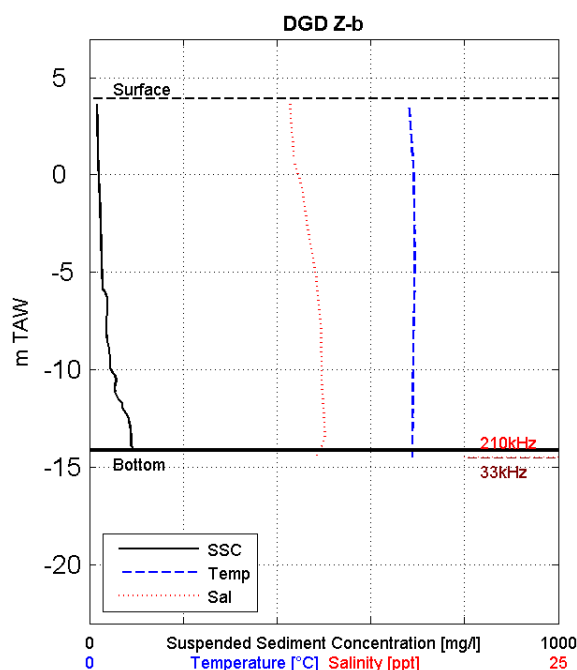
Sourcefile(s):

8017 Zb_ctd.sil

8032 Zb_ctd.sil

Location:

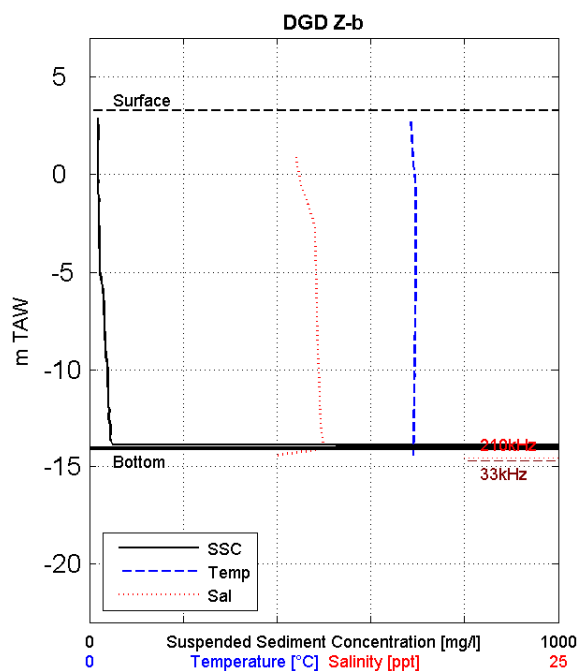
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:26
Time after/before HT [MET]: 2:16
Coordinates [UTM-ED50] Easting: 588727
Coordinates [UTM-ED50] Northing: 5684185
Water-Bottom Interface Siltpr. [m TAW]: -14.14
Waterdepth 210 kHz Echo [m TAW]: -14.46
Waterdepth 33 kHz Echo [m TAW]: -14.52
Surface Elevation [m TAW]: 3.93

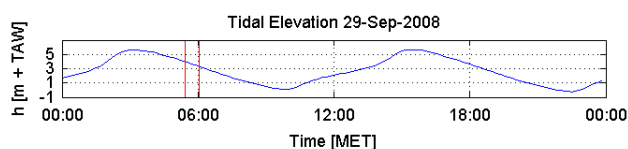
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.65	17.0	10.7	15
2.72	17.1	10.7	17
1.84	17.2	10.8	17
1.00	17.3	10.9	18
0.23	17.3	11.1	19
-0.63	17.3	11.3	21
-1.49	17.3	11.4	23
-2.44	17.3	11.6	23
-3.28	17.3	11.7	24
-4.09	17.3	11.9	26
-4.97	17.3	12.0	26
-5.91	17.3	12.1	28
-6.77	17.3	12.2	39
-7.60	17.3	12.3	34
-8.41	17.3	12.4	37
-9.16	17.2	12.4	41
-10.09	17.2	12.4	45
-10.94	17.2	12.4	53
-11.76	17.3	12.4	72
-12.57	17.2	12.5	85
-13.33	17.2	12.5	89
-14.14	17.2	12.2	96
Depth Avg			
17.2 11.8 36			



Siltprofiler

Date & Time [MET]: 29/9/2008 06:04
Time after/before HT [MET]: 2:54
Coordinates [UTM-ED50] Easting: 588724
Coordinates [UTM-ED50] Northing: 5684193
Water-Bottom Interface Siltpr. [m TAW]: -14.08
Waterdepth 210 kHz Echo [m TAW]: -14.58
Waterdepth 33 kHz Echo [m TAW]: -14.70
Surface Elevation [m TAW]: 3.29

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.95	17.1	NaN	16
2.16	17.2	NaN	17
1.32	17.2	NaN	16
0.49	17.2	11.1	16
-0.30	17.3	11.2	18
-1.11	17.4	11.5	19
-1.94	17.4	11.8	20
-2.78	17.4	12.0	21
-3.54	17.4	12.0	21
-4.28	17.4	12.0	22
-5.04	17.4	12.1	22
-5.81	17.4	12.1	28
-6.64	17.4	12.1	29
-7.48	17.4	12.1	31
-8.33	17.4	12.1	34
-9.15	17.3	12.2	33
-9.98	17.3	12.2	39
-10.77	17.3	12.3	36
-11.50	17.3	12.3	40
-12.26	17.3	12.3	40
-13.05	17.3	12.3	43
-13.79	17.3	12.5	45
-14.08	17.3	12.5	132
Depth Avg			
17.3 11.9 51			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

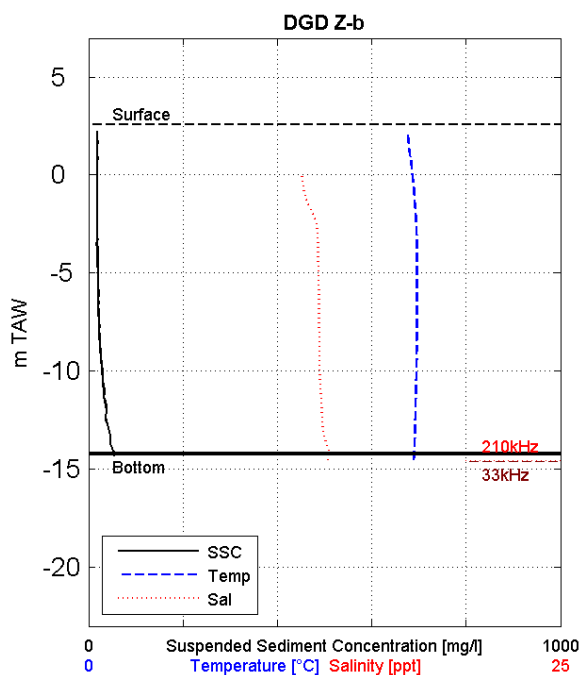
Sourcefile(s):

8048 Zb_ctd.sil

8063 Zb_ctd.sil

Location:

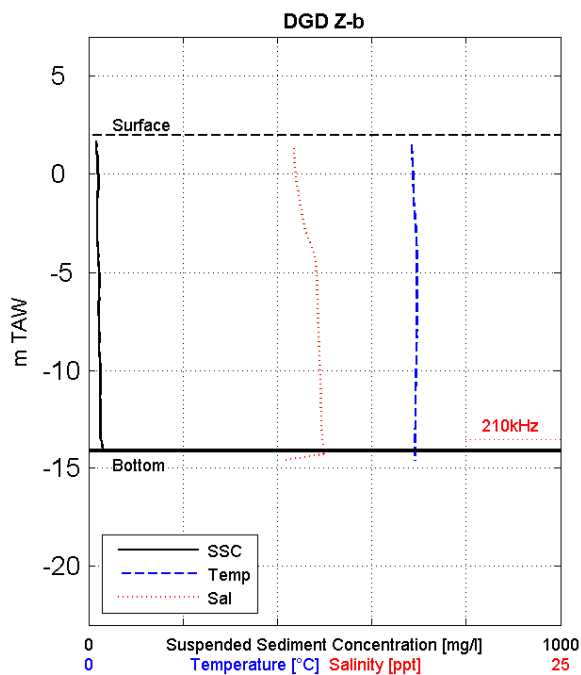
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:40
 Time after/before HT [MET]: 3:30
 Coordinates [UTM-ED50] Easting: 588718
 Coordinates [UTM-ED50] Northing: 5684183
 Water-Bottom Interface Siltpr. [m TAW]: -14.22
 Waterdepth 210 kHz Echo [m TAW]: -14.54
 Waterdepth 33 kHz Echo [m TAW]: -14.59
 Surface Elevation [m TAW]: 2.62

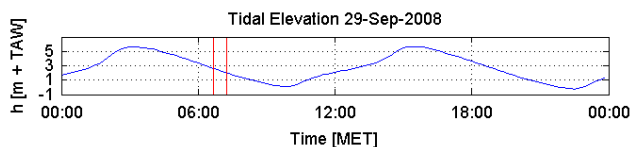
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.33	16.8	NaN	17
1.59	16.9	NaN	18
0.85	17.0	NaN	19
0.09	17.1	NaN	17
-0.65	17.2	11.4	18
-1.41	17.3	11.6	17
-2.29	17.4	12.0	18
-3.20	17.4	12.1	17
-3.99	17.4	12.1	19
-4.78	17.4	12.1	20
-5.59	17.4	12.2	20
-6.42	17.4	12.2	20
-7.16	17.4	12.2	22
-7.92	17.4	12.2	22
-8.68	17.4	12.2	23
-9.45	17.4	12.2	26
-10.21	17.3	12.2	30
-11.00	17.3	12.3	32
-11.85	17.3	12.3	37
-12.61	17.3	12.4	37
-13.38	17.3	12.5	47
-14.16	17.3	12.8	53
-14.22	17.2	12.8	54
Depth Avg	17.3	12.0	24



Siltprofiler

Date & Time [MET]: 29/9/2008 07:15
 Time after/before HT [MET]: 4:05
 Coordinates [UTM-ED50] Easting: 588714
 Coordinates [UTM-ED50] Northing: 5684189
 Water-Bottom Interface Siltpr. [m TAW]: -14.16
 Waterdepth 210 kHz Echo [m TAW]: -13.57
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.99

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.71	17.1	NaN	16
1.00	17.1	10.9	18
0.28	17.1	10.9	19
-0.52	17.2	11.0	21
-1.31	17.2	11.2	18
-2.02	17.3	11.3	17
-2.91	17.3	11.5	18
-3.65	17.4	11.8	17
-4.41	17.4	12.0	19
-5.24	17.4	12.1	22
-6.05	17.4	12.1	23
-6.86	17.4	12.1	21
-7.58	17.4	12.1	20
-8.32	17.4	12.2	23
-9.00	17.3	12.2	22
-9.66	17.3	12.2	23
-10.36	17.3	12.3	24
-11.06	17.4	12.3	23
-11.73	17.3	12.3	25
-12.40	17.3	12.3	25
-13.08	17.3	12.3	26
-13.80	17.3	12.4	27
-14.16	17.3	12.4	1718
Depth Avg	17.3	11.8	23



Data Processed by: **IMDC**
 In association with: **WL | delft hydraulics**
 I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

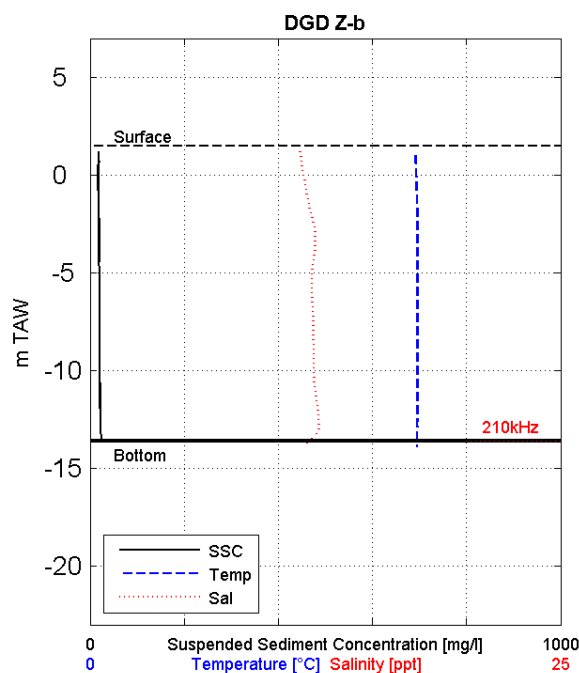
Sourcefile(s):

8078 Zb_ctd.sil

8093 Zb_ctd.sil

Location:

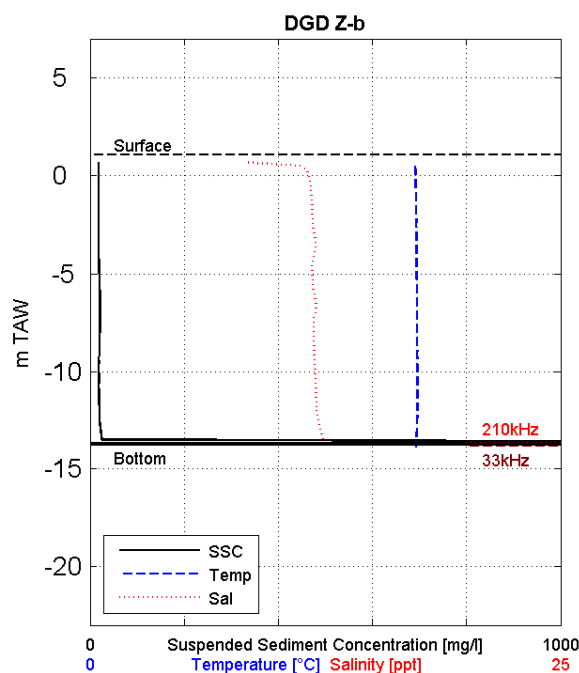
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:44
 Time after/before HT [MET]: 4:34
 Coordinates [UTM-ED50] Easting: 588721
 Coordinates [UTM-ED50] Northing: 5684201
 Water-Bottom Interface Siltpr. [m TAW]: -13.61
 Waterdepth 210 kHz Echo [m TAW]: -13.60
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.49

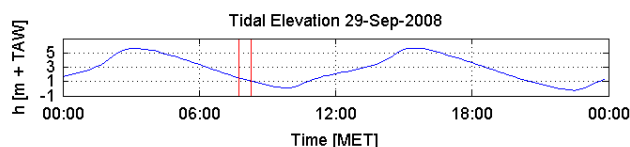
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.21	17.3	11.2	17
0.54	17.3	11.2	17
-0.17	17.3	11.4	19
-0.80	17.3	11.5	18
-1.50	17.4	11.6	17
-2.21	17.4	11.8	18
-2.87	17.4	11.9	18
-3.58	17.4	11.9	18
-4.30	17.4	11.9	19
-4.99	17.4	11.8	19
-5.70	17.4	11.8	19
-6.41	17.4	11.8	19
-7.15	17.4	11.8	20
-7.73	17.4	11.9	20
-8.45	17.4	11.9	19
-9.11	17.4	11.9	19
-9.82	17.4	11.9	19
-10.49	17.4	11.9	20
-11.20	17.4	12.0	21
-11.91	17.4	12.1	22
-12.63	17.4	12.1	21
-13.29	17.4	11.9	24
-13.61	17.3	11.6	24
Depth Avg	17.4	11.8	19



Siltprofiler

Date & Time [MET]: 29/9/2008 08:15
 Time after/before HT [MET]: 5:05
 Coordinates [UTM-ED50] Easting: 588724
 Coordinates [UTM-ED50] Northing: 5684191
 Water-Bottom Interface Siltpr. [m TAW]: -13.78
 Waterdepth 210 kHz Echo [m TAW]: -13.67
 Waterdepth 33 kHz Echo [m TAW]: -13.85
 Surface Elevation [m TAW]: 1.06

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.77	17.3	6.7	18
0.03	17.3	11.6	17
-0.74	17.3	11.7	16
-1.55	17.3	11.8	17
-2.41	17.3	11.8	17
-3.21	17.3	11.9	18
-4.02	17.3	11.9	18
-4.84	17.4	11.8	19
-5.63	17.3	11.8	18
-5.99	17.3	11.9	21
-6.04	17.3	11.9	21
-6.31	17.4	11.9	22
-6.78	17.4	12.0	22
-7.51	17.4	11.8	21
-8.33	17.4	11.9	19
-9.07	17.4	11.9	19
-9.88	17.4	11.9	18
-10.66	17.4	12.0	17
-11.45	17.4	12.0	19
-12.19	17.4	12.0	19
-12.99	17.3	12.2	23
-13.76	17.3	12.5	86
-13.78	17.3	12.5	253
Depth Avg	17.3	11.8	34



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

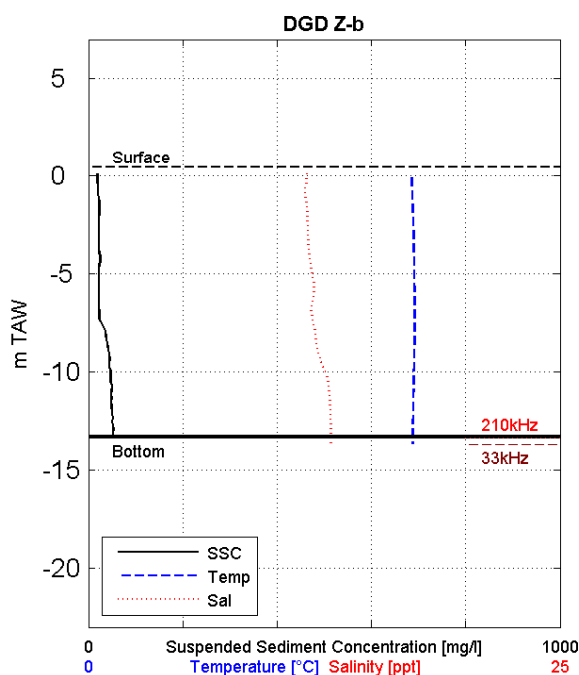
SiltProfiler & CTD-Diver

Sourcefile(s):

8113 Zb_ctd.sil
8128 Zb_ctd.sil

Location:

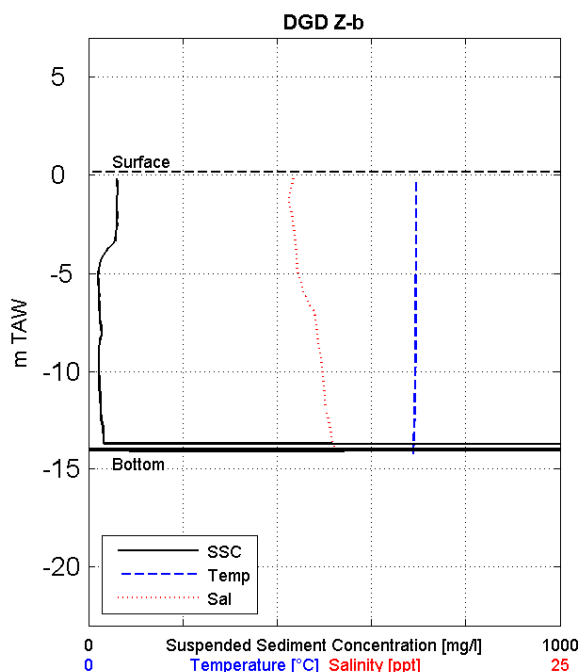
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 09:04
Time after/before HT [MET]: 5:54
Coordinates [UTM-ED50] Easting: 588733
Coordinates [UTM-ED50] Northing: 5684185
Water-Bottom Interface Siltpr. [m TAW]: -13.33
Waterdepth 210 kHz Echo [m TAW]: -13.37
Waterdepth 33 kHz Echo [m TAW]: -13.68
Surface Elevation [m TAW]: 0.46

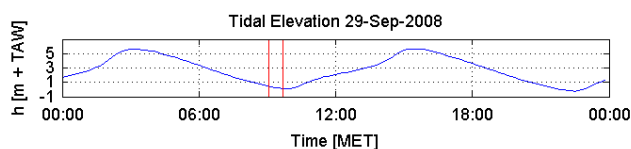
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.16	17.1	11.6	18
-0.43	17.1	11.5	19
-1.14	17.2	11.5	21
-1.85	17.2	11.6	22
-2.52	17.2	11.6	22
-3.18	17.2	11.6	21
-3.84	17.3	11.7	22
-4.51	17.3	11.8	23
-5.10	17.3	11.9	21
-5.69	17.3	12.0	21
-6.23	17.3	11.9	23
-6.84	17.3	11.8	23
-7.46	17.3	11.9	26
-8.09	17.3	12.0	35
-8.68	17.3	12.1	40
-9.32	17.2	12.3	45
-9.93	17.3	12.5	47
-10.63	17.2	12.7	49
-11.31	17.2	12.8	49
-11.90	17.2	12.8	49
-12.49	17.2	12.8	49
-13.08	17.2	12.8	52
-13.33	17.2	12.8	319
Depth Avg			
17.2 12.0 32			



Siltprofiler

Date & Time [MET]: 29/9/2008 09:40
Time after/before HT [MET]: 6:30
Coordinates [UTM-ED50] Easting: 588708
Coordinates [UTM-ED50] Northing: 5684191
Water-Bottom Interface Siltpr. [m TAW]: -14.05
Waterdepth 210 kHz Echo [m TAW]: NaN
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 0.17

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.12	17.3	10.8	59
-0.79	17.4	10.7	61
-1.47	17.3	10.7	59
-2.14	17.3	10.8	61
-2.83	17.4	10.9	58
-3.46	17.4	11.0	53
-4.10	17.3	11.0	30
-4.74	17.3	11.1	21
-5.40	17.3	11.2	21
-6.05	17.4	11.4	19
-6.71	17.3	11.8	24
-7.37	17.4	12.0	24
-8.04	17.4	12.1	26
-8.65	17.4	12.2	22
-9.31	17.3	12.3	20
-9.98	17.3	12.4	22
-10.62	17.3	12.5	24
-11.23	17.3	12.5	24
-11.90	17.3	12.6	27
-12.55	17.3	12.7	28
-13.14	17.3	12.8	31
-13.74	17.2	13.0	33
-14.05	17.2	13.0	2468
Depth Avg			
17.3 11.7 90			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

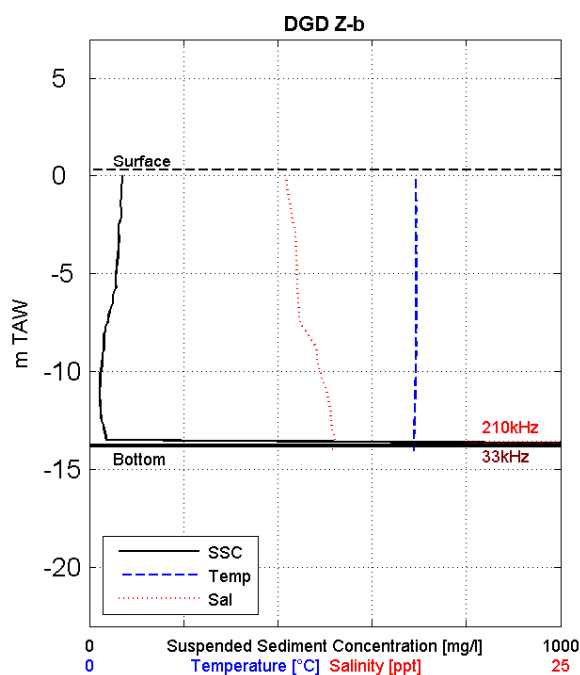
Sourcefile(s):

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8158 Zb_ctd.sil

Location:

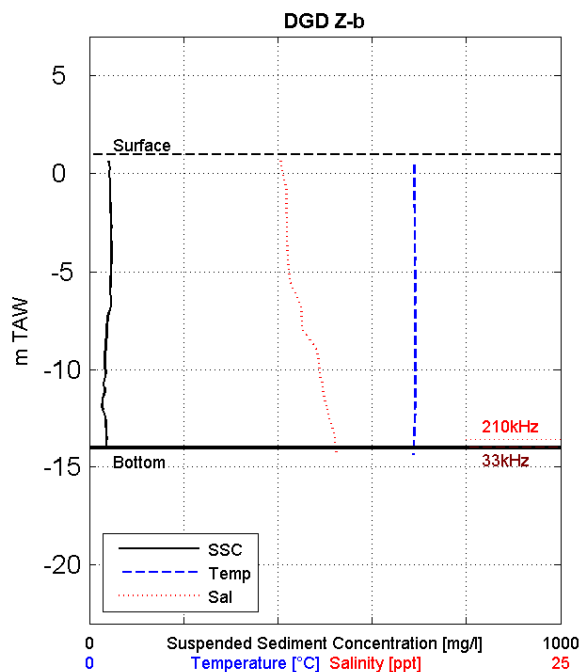
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:13
 Time after/before HT [MET]: 0:23
 Coordinates [UTM-ED50] Easting: 588723
 Coordinates [UTM-ED50] Northing: 5684186
 Water-Bottom Interface Siltpr. [m TAW]: -13.78
 Waterdepth 210 kHz Echo [m TAW]: -13.56
 Waterdepth 33 kHz Echo [m TAW]: -13.63
 Surface Elevation [m TAW]: 0.29

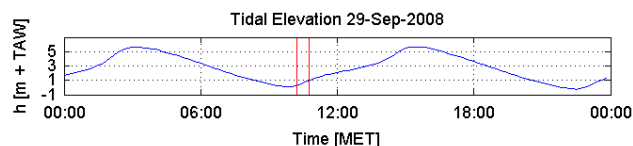
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.01	17.3	10.4	69
-0.71	17.3	10.5	66
-1.41	17.3	10.6	64
-2.10	17.3	10.8	69
-2.79	17.3	10.9	63
-3.45	17.3	10.9	60
-4.12	17.3	11.0	60
-4.80	17.3	11.0	58
-5.45	17.3	11.0	55
-6.16	17.3	11.0	50
-6.90	17.3	11.1	45
-7.54	17.3	11.2	37
-8.20	17.3	11.7	30
-8.79	17.4	12.0	30
-9.45	17.3	12.1	27
-10.09	17.3	12.3	23
-10.78	17.3	12.5	22
-11.40	17.3	12.7	22
-11.91	17.2	12.8	22
-12.47	17.2	12.8	26
-13.04	17.2	12.9	32
-13.66	17.2	13.1	36
-13.78	17.2	13.1	3759
Depth Avg	17.3	11.5	57



Siltprofiler

Date & Time [MET]: 29/9/2008 10:45
 Time after/before HT [MET]: 0:55
 Coordinates [UTM-ED50] Easting: 588719
 Coordinates [UTM-ED50] Northing: 5684184
 Water-Bottom Interface Siltpr. [m TAW]: -14.05
 Waterdepth 210 kHz Echo [m TAW]: -13.62
 Waterdepth 33 kHz Echo [m TAW]: -13.98
 Surface Elevation [m TAW]: 0.96

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.67	17.2	10.2	41
-0.08	17.2	10.3	44
-0.83	17.2	10.4	42
-1.57	17.2	10.4	45
-2.23	17.3	10.5	45
-2.95	17.3	10.5	46
-3.71	17.3	10.5	48
-4.45	17.3	10.5	47
-5.14	17.3	10.6	46
-5.87	17.3	10.8	44
-6.49	17.3	11.1	44
-7.12	17.3	11.3	41
-7.81	17.3	11.3	38
-8.48	17.3	11.7	35
-9.19	17.3	12.1	32
-9.81	17.3	12.2	32
-10.52	17.3	12.3	32
-11.21	17.3	12.4	29
-11.90	17.3	12.6	27
-12.56	17.2	12.7	34
-13.20	17.3	12.9	35
-13.86	17.2	13.0	37
-14.05	17.2	13.1	5699
Depth Avg	17.3	11.3	47



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

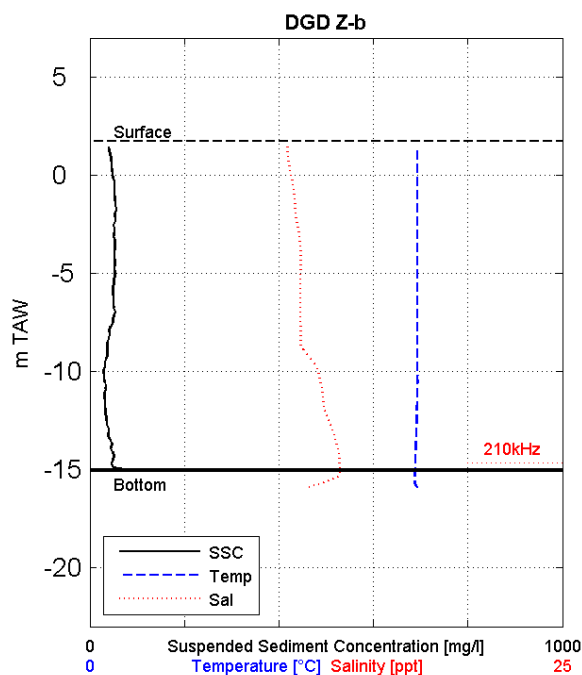
Sourcefile(s):

8173 Zb_ctd.sil

8188 Zb_ctd.sil

Location:

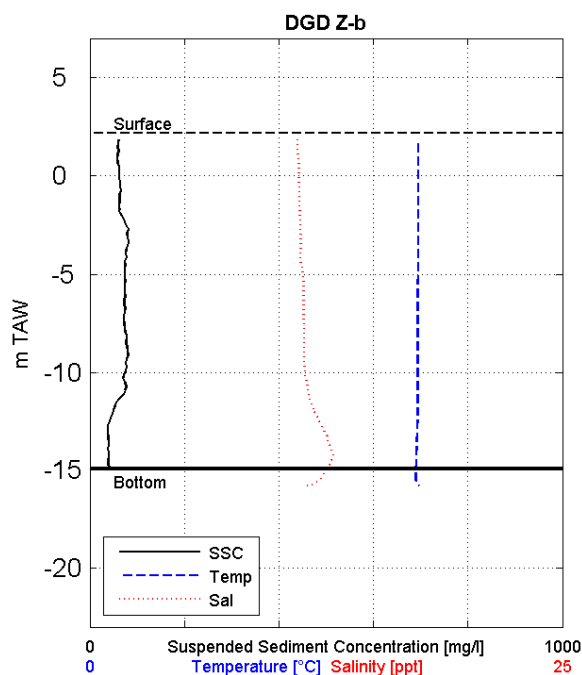
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 11:27
 Time after/before HT [MET]: 1:37
 Coordinates [UTM-ED50] Easting: 588695
 Coordinates [UTM-ED50] Northing: 5684168
 Water-Bottom Interface Siltpr. [m TAW]: -15.05
 Waterdepth 210 kHz Echo [m TAW]: -14.65
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.73

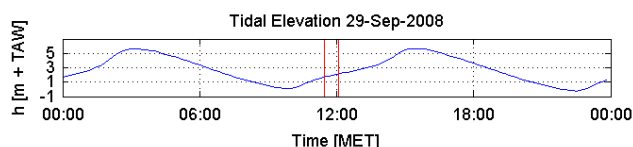
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.44	17.3	10.4	40
0.65	17.3	10.5	46
-0.12	17.3	10.7	48
-0.85	17.3	10.8	52
-1.64	17.3	10.8	54
-2.47	17.3	11.0	48
-3.29	17.3	11.1	52
-4.15	17.3	11.2	51
-4.96	17.3	11.1	51
-5.76	17.3	11.1	48
-6.53	17.3	11.1	48
-7.22	17.3	11.1	49
-7.96	17.3	11.1	41
-8.69	17.3	11.1	37
-9.38	17.3	11.7	34
-10.11	17.3	12.1	30
-10.90	17.3	12.3	34
-11.74	17.3	12.4	31
-12.52	17.3	12.6	35
-13.36	17.2	12.9	39
-14.14	17.3	13.2	51
-14.93	17.2	13.2	49
-15.05	17.2	13.2	5254
Depth Avg	17.3	11.5	55



Siltprofiler

Date & Time [MET]: 29/9/2008 12:06
 Time after/before HT [MET]: 2:16
 Coordinates [UTM-ED50] Easting: 588705
 Coordinates [UTM-ED50] Northing: 5684195
 Water-Bottom Interface Siltpr. [m TAW]: -14.94
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.16

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.86	17.4	11.0	60
0.91	17.4	11.0	57
0.07	17.4	11.1	62
-0.69	17.4	11.1	65
-1.52	17.3	11.1	60
-2.31	17.3	11.1	72
-3.10	17.4	11.1	78
-3.79	17.4	11.1	74
-4.55	17.3	11.2	75
-5.46	17.3	11.3	73
-6.32	17.4	11.3	72
-7.28	17.3	11.3	72
-8.06	17.4	11.3	79
-8.82	17.3	11.3	79
-9.57	17.4	11.3	77
-10.30	17.4	11.4	70
-11.06	17.3	11.6	73
-11.77	17.3	11.8	51
-12.51	17.3	12.1	41
-13.25	17.3	12.5	39
-14.08	17.3	12.8	40
-14.94	17.2	12.5	1004
-14.94	17.2	12.5	1004
Depth Avg	17.3	11.4	66



Data Processed by: 
 In association with: 
 I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

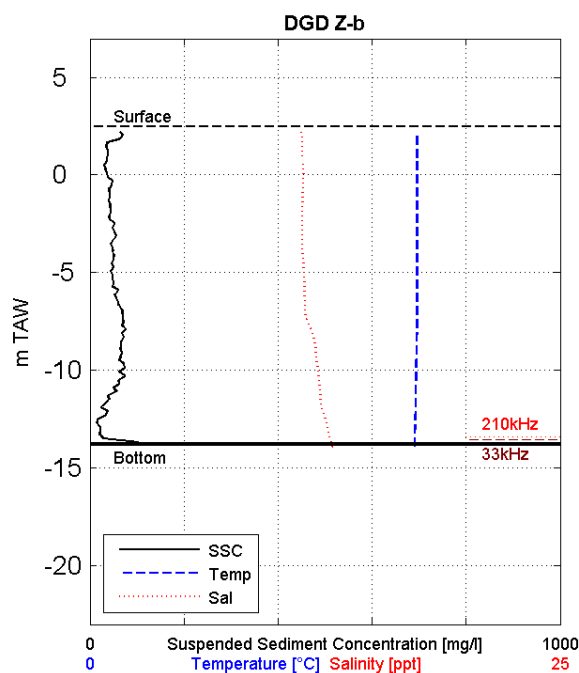
Sourcefile(s):

8203 Zb_ctd.sil

8223 Zb_ctd.sil

Location:

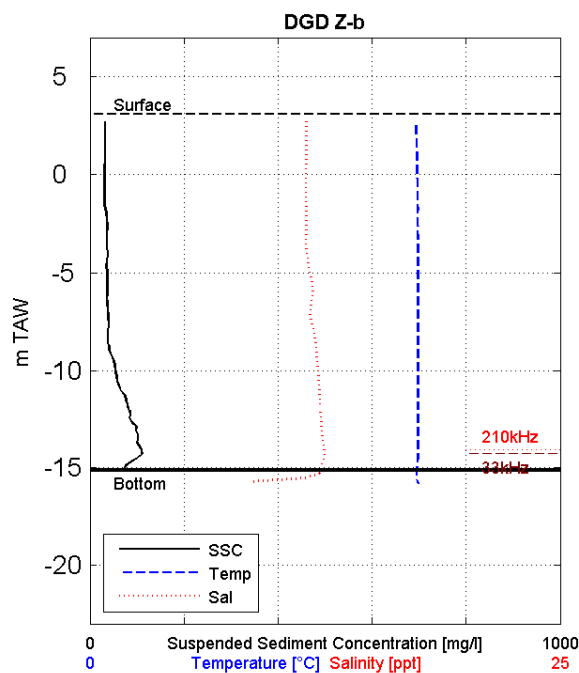
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:40
 Time after/before HT [MET]: 2:50
 Coordinates [UTM-ED50] Easting: 588736
 Coordinates [UTM-ED50] Northing: 5684180
 Water-Bottom Interface Siltpr. [m TAW]: -13.79
 Waterdepth 210 kHz Echo [m TAW]: -13.41
 Waterdepth 33 kHz Echo [m TAW]: -13.56
 Surface Elevation [m TAW]: 2.53

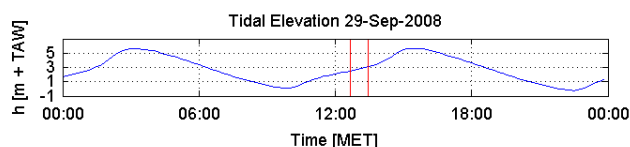
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.22	17.4	11.2	64
1.38	17.4	11.3	34
0.61	17.4	11.3	34
-0.14	17.4	11.3	37
-0.93	17.4	11.3	40
-1.67	17.4	11.3	41
-2.35	17.4	11.3	42
-3.12	17.4	11.3	56
-3.88	17.4	11.3	54
-4.72	17.4	11.4	43
-5.52	17.4	11.4	58
-6.32	17.4	11.4	49
-7.12	17.4	11.4	55
-7.88	17.4	11.7	77
-8.63	17.4	11.9	75
-9.36	17.3	12.0	53
-10.10	17.3	12.1	66
-10.83	17.3	12.2	46
-11.43	17.3	12.2	50
-12.09	17.3	12.4	38
-12.82	17.3	12.6	25
-13.57	17.3	12.8	28
-13.79	17.3	12.9	11429
Depth Avg	17.4	11.7	59



Siltprofiler

Date & Time [MET]: 29/9/2008 13:26
 Time after/before HT [MET]: 3:36
 Coordinates [UTM-ED50] Easting: 588712
 Coordinates [UTM-ED50] Northing: 5684189
 Water-Bottom Interface Siltpr. [m TAW]: -15.13
 Waterdepth 210 kHz Echo [m TAW]: -14.10
 Waterdepth 33 kHz Echo [m TAW]: -14.29
 Surface Elevation [m TAW]: 3.08

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.79	17.3	11.5	31
1.98	17.3	11.5	31
1.19	17.4	11.5	31
0.43	17.4	11.5	31
-0.33	17.4	11.5	31
-1.19	17.4	11.5	33
-2.13	17.4	11.5	34
-2.92	17.4	11.5	35
-3.60	17.4	11.5	36
-4.69	17.4	11.6	34
-5.54	17.4	11.8	37
-6.48	17.4	11.8	35
-7.51	17.4	11.8	39
-8.28	17.4	11.9	36
-9.04	17.5	12.0	43
-9.75	17.4	12.1	52
-10.61	17.4	12.2	58
-11.50	17.4	12.2	76
-12.40	17.5	12.3	83
-13.29	17.4	12.3	102
-14.20	17.4	12.5	112
-14.98	17.4	12.3	71
-15.13	17.4	12.2	68
Depth Avg	17.4	11.8	49



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

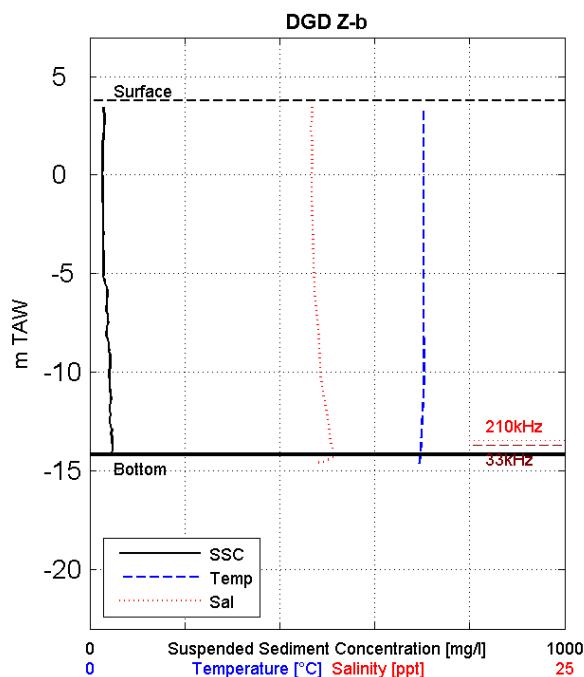
SiltProfiler & CTD-Diver

Sourcefile(s):

8238 Zb_ctd.sil
8253 Zb_ctd.sil

Location:

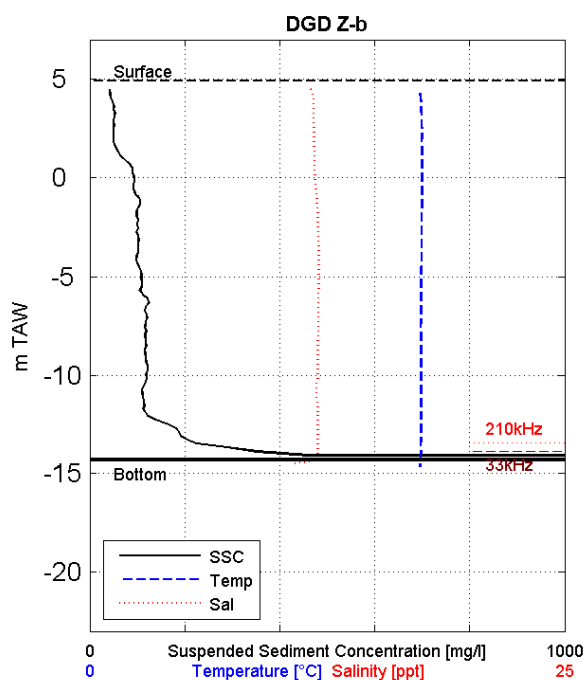
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 14:03
Time after/before HT [MET]: 4:13
Coordinates [UTM-ED50] Easting: 588726
Coordinates [UTM-ED50] Northing: 5684185
Water-Bottom Interface Siltpr. [m TAW]: -14.19
Waterdepth 210 kHz Echo [m TAW]: -13.46
Waterdepth 33 kHz Echo [m TAW]: -13.71
Surface Elevation [m TAW]: 3.79

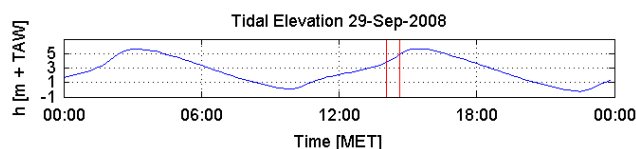
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.51	17.6	11.7	28
2.57	17.6	11.7	30
1.64	17.6	11.7	27
0.83	17.5	11.7	27
0.00	17.5	11.7	26
-0.87	17.5	11.7	27
-1.72	17.5	11.7	27
-2.46	17.5	11.7	27
-3.25	17.5	11.7	27
-4.03	17.5	11.8	28
-4.90	17.5	11.8	28
-5.81	17.6	11.8	37
-6.66	17.5	11.9	35
-7.47	17.6	12.0	37
-8.33	17.6	12.1	37
-9.10	17.5	12.1	43
-9.89	17.6	12.1	41
-10.65	17.6	12.2	41
-11.48	17.5	12.4	45
-12.31	17.5	12.5	41
-13.10	17.4	12.6	45
-13.92	17.4	12.8	48
-14.19	17.4	12.8	46
Depth Avg			
	17.5	11.9	34



Siltprofiler

Date & Time [MET]: 29/9/2008 14:39
Time after/before HT [MET]: 4:49
Coordinates [UTM-ED50] Easting: 588732
Coordinates [UTM-ED50] Northing: 5684186
Water-Bottom Interface Siltpr. [m TAW]: -14.34
Waterdepth 210 kHz Echo [m TAW]: -13.47
Waterdepth 33 kHz Echo [m TAW]: -13.90
Surface Elevation [m TAW]: 4.89

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.58	17.3	11.6	40
3.70	17.4	11.8	51
2.84	17.4	11.8	49
1.86	17.5	11.8	49
0.90	17.5	11.8	73
0.12	17.5	11.8	92
-0.87	17.5	11.9	98
-1.83	17.4	12.0	100
-2.74	17.4	12.0	98
-3.75	17.4	12.0	102
-4.68	17.4	12.1	106
-5.54	17.4	12.0	105
-6.37	17.4	12.0	127
-7.21	17.4	12.0	116
-8.10	17.4	12.0	117
-9.01	17.4	12.0	117
-9.87	17.4	12.0	118
-10.73	17.4	12.0	107
-11.56	17.4	12.0	110
-12.47	17.4	12.0	161
-13.38	17.4	12.0	206
-14.27	17.4	12.0	1057
-14.34	17.4	12.0	1439
Depth Avg			
	17.4	11.9	144



Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

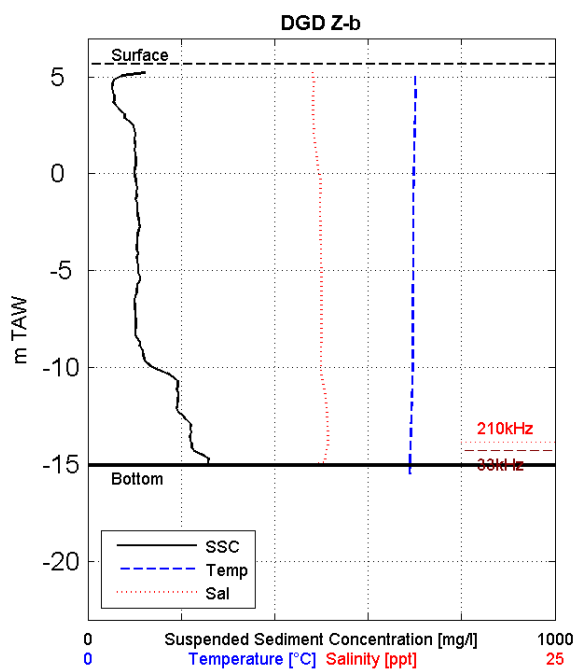
Sourcefile(s):

8268 Zb_ctd.sil

8283 Zb_ctd.sil

Location:

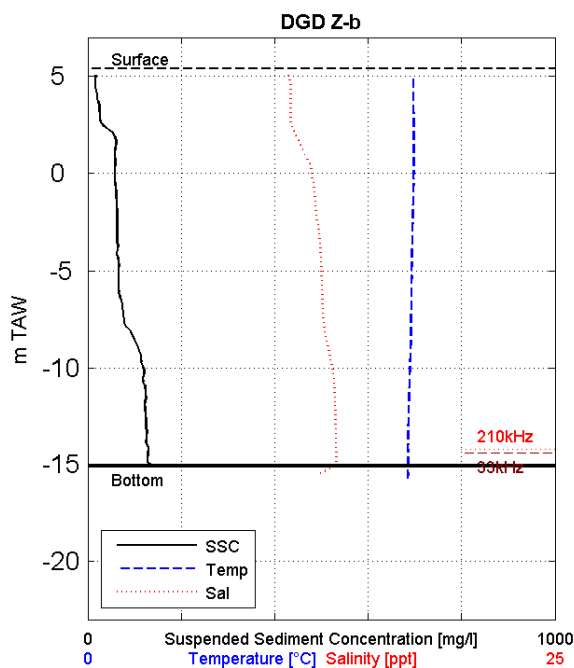
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 15:33
 Time after/before HT [MET]: 5:43
 Coordinates [UTM-ED50] Easting: 588713
 Coordinates [UTM-ED50] Northing: 5684189
 Water-Bottom Interface Siltpr. [m TAW]: -15.02
 Waterdepth 210 kHz Echo [m TAW]: -13.84
 Waterdepth 33 kHz Echo [m TAW]: -14.28
 Surface Elevation [m TAW]: 5.65

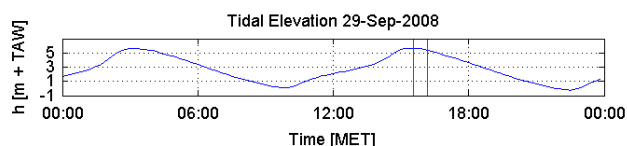
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.30	17.5	12.0	150
4.24	17.5	12.1	54
3.16	17.5	12.0	78
2.12	17.5	12.1	101
1.07	17.4	12.2	101
0.06	17.4	12.4	100
-0.94	17.4	12.4	103
-1.83	17.4	12.4	104
-2.72	17.4	12.4	110
-3.74	17.4	12.5	106
-4.68	17.4	12.5	108
-5.67	17.4	12.5	106
-6.67	17.4	12.5	100
-7.65	17.4	12.5	103
-8.68	17.4	12.5	112
-9.52	17.4	12.5	122
-10.31	17.4	12.5	171
-11.14	17.4	12.6	189
-12.01	17.3	12.8	188
-12.92	17.3	12.8	220
-13.78	17.3	12.9	220
-14.69	17.2	12.7	260
-15.02	17.2	12.6	257
Depth Avg			
	17.4	12.4	125



Siltprofiler

Date & Time [MET]: 29/9/2008 16:10
 Time after/before HT [MET]: 6:20
 Coordinates [UTM-ED50] Easting: 588714
 Coordinates [UTM-ED50] Northing: 5684168
 Water-Bottom Interface Siltpr. [m TAW]: -15.11
 Waterdepth 210 kHz Echo [m TAW]: -14.26
 Waterdepth 33 kHz Echo [m TAW]: -14.45
 Surface Elevation [m TAW]: 5.37

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.04	17.4	10.8	16
4.13	17.4	10.9	19
3.23	17.4	10.9	25
2.29	17.4	11.0	43
1.28	17.4	11.5	58
0.25	17.4	11.9	58
-0.73	17.4	12.1	56
-1.71	17.4	12.2	62
-2.65	17.3	12.3	65
-3.61	17.3	12.4	65
-4.54	17.3	12.5	65
-5.50	17.3	12.5	65
-6.50	17.3	12.5	72
-7.42	17.3	12.6	77
-8.44	17.3	12.7	98
-9.46	17.2	13.0	113
-10.49	17.2	13.2	119
-11.37	17.2	13.2	123
-12.31	17.1	13.2	121
-13.27	17.1	13.3	128
-14.17	17.1	13.3	129
-15.04	17.1	13.3	137
-15.11	17.1	13.2	149
Depth Avg			
	17.3	12.3	76



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

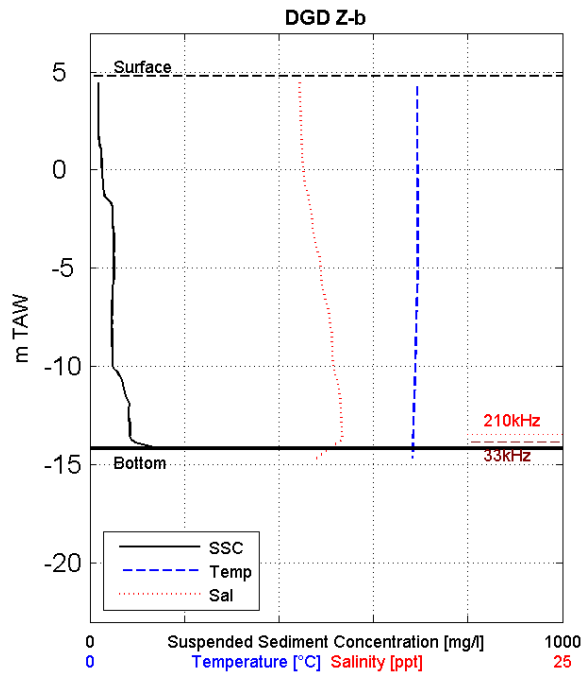
Sourcefile(s):

8298 Zb_ctd.sil

8313 Zb_ctd.sil

Location:

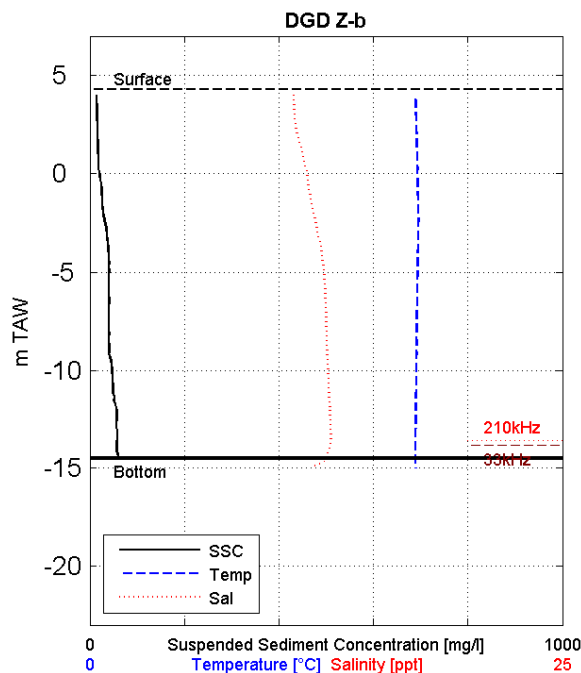
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:47
 Time after/before HT [MET]: 6:57
 Coordinates [UTM-ED50] Easting: 588730
 Coordinates [UTM-ED50] Northing: 5684188
 Water-Bottom Interface Siltpr. [m TAW]: -14.20
 Waterdepth 210 kHz Echo [m TAW]: -13.46
 Waterdepth 33 kHz Echo [m TAW]: -13.84
 Surface Elevation [m TAW]: 4.81

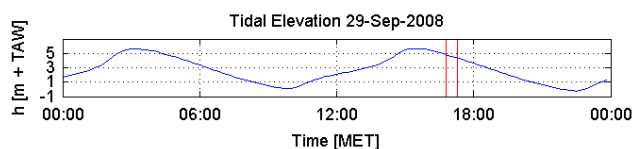
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.51	17.3	11.1	17
3.79	17.3	11.1	17
3.06	17.3	11.1	17
2.22	17.3	11.2	17
1.36	17.3	11.2	19
0.43	17.3	11.2	24
-0.61	17.3	11.4	26
-1.56	17.3	11.6	41
-2.49	17.3	11.7	47
-3.33	17.3	11.8	49
-4.24	17.3	12.1	50
-5.07	17.3	12.2	52
-5.93	17.3	12.3	47
-6.82	17.3	12.5	47
-7.76	17.3	12.7	46
-8.71	17.3	12.8	47
-9.72	17.2	12.8	47
-10.61	17.2	13.0	65
-11.57	17.1	13.2	77
-12.45	17.1	13.3	80
-13.31	17.1	13.3	86
-14.12	17.1	12.7	136
-14.20	17.1	12.6	163
Depth Avg			
17.3			
12.1			
46			



Siltprofiler

Date & Time [MET]: 29/9/2008 17:18
 Time after/before HT [MET]: 7:28
 Coordinates [UTM-ED50] Easting: 588717
 Coordinates [UTM-ED50] Northing: 5684191
 Water-Bottom Interface Siltpr. [m TAW]: -14.52
 Waterdepth 210 kHz Echo [m TAW]: -13.62
 Waterdepth 33 kHz Echo [m TAW]: -13.86
 Surface Elevation [m TAW]: 4.31

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.01	17.2	10.8	13
3.18	17.3	10.8	15
2.36	17.3	10.9	16
1.51	17.3	11.1	16
0.69	17.3	11.3	17
-0.22	17.3	11.5	22
-1.12	17.3	11.6	26
-2.01	17.4	11.8	26
-2.91	17.4	12.0	36
-3.71	17.3	12.2	39
-4.57	17.3	12.3	41
-5.45	17.3	12.4	39
-6.34	17.3	12.4	40
-7.17	17.3	12.5	39
-8.06	17.3	12.5	40
-8.91	17.3	12.5	40
-9.80	17.3	12.6	46
-10.66	17.3	12.6	49
-11.57	17.2	12.7	51
-12.47	17.2	12.7	55
-13.29	17.2	12.7	57
-14.13	17.2	12.6	56
-14.52	17.2	12.5	63
Depth Avg			
17.3			
12.0			
36			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

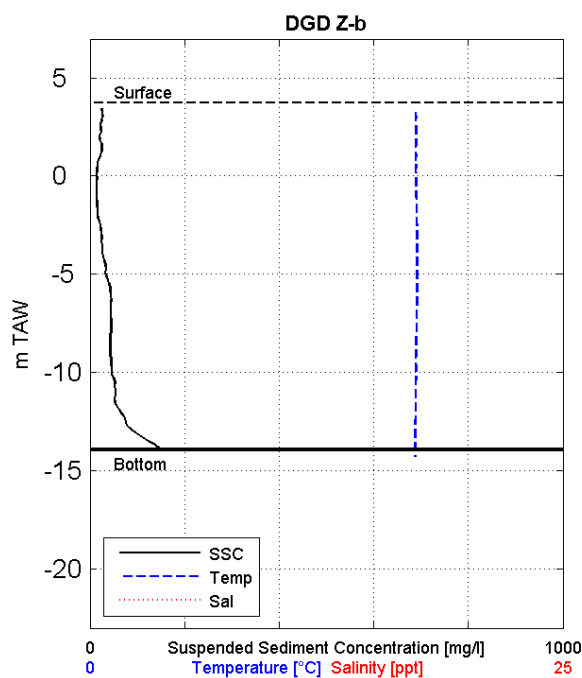
SiltProfiler & CTD-Diver

Sourcefile(s):

8328 Zb_ctd.sil

Location:

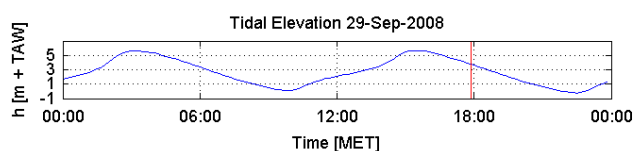
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:52
 Time after/before HT [MET]: 8:02
 Coordinates [UTM-ED50] Easting: 588724
 Coordinates [UTM-ED50] Northing: 5684182
 Water-Bottom Interface Siltpr. [m TAW]: -13.94
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.76

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.48	17.2	NaN	23
2.58	17.2	NaN	22
1.76	17.2	NaN	24
0.84	17.2	NaN	18
-0.03	17.2	NaN	14
-0.84	17.2	NaN	14
-1.60	17.3	NaN	14
-2.44	17.3	NaN	22
-3.30	17.3	NaN	23
-4.16	17.3	NaN	29
-5.01	17.3	NaN	33
-5.80	17.3	NaN	42
-6.64	17.3	NaN	44
-7.42	17.3	NaN	45
-8.21	17.2	NaN	42
-9.02	17.2	NaN	43
-9.81	17.2	NaN	45
-10.60	17.2	NaN	52
-11.33	17.2	NaN	51
-12.09	17.2	NaN	66
-12.83	17.2	NaN	82
-13.57	17.2	NaN	131
-13.94	17.2	NaN	28075
Depth Avg	17.2	NaN	57



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

F.13 Location Zc

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

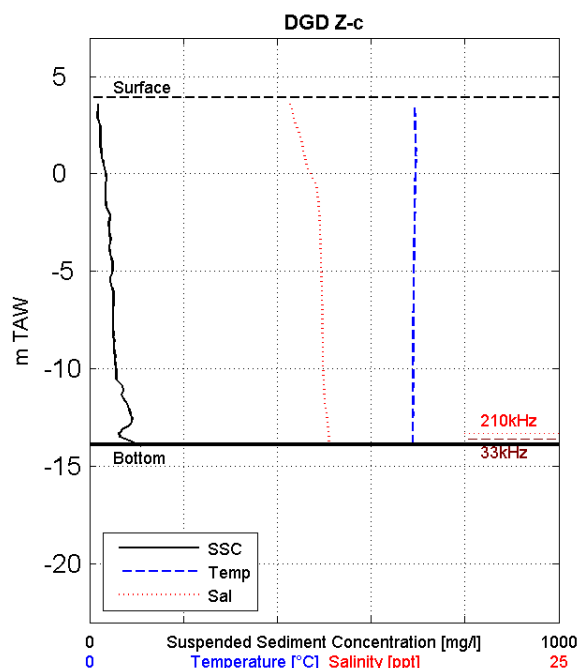
SiltProfiler & CTD-Diver

Sourcefile(s):

8016 Zc_ctd.sil
8031 Zc_ctd.sil

Location:

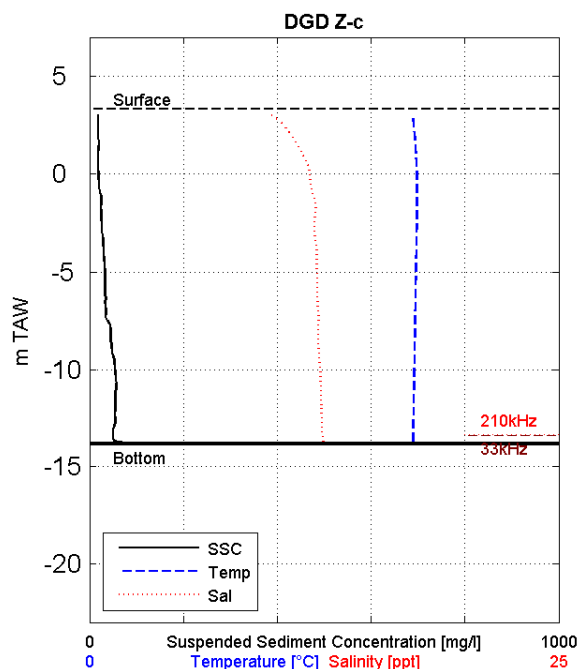
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:24
Time after/before HT [MET]: 2:14
Coordinates [UTM-ED50] Easting: 588773
Coordinates [UTM-ED50] Northing: 5684260
Water-Bottom Interface Siltpr. [m TAW]: -13.88
Waterdepth 210 kHz Echo [m TAW]: -13.32
Waterdepth 33 kHz Echo [m TAW]: -13.59
Surface Elevation [m TAW]: 3.97

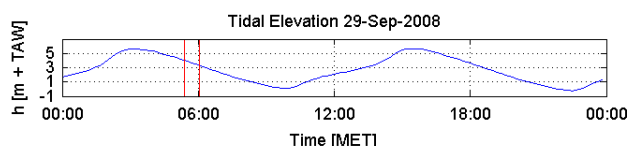
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.67	17.3	10.7	17
2.89	17.3	10.9	18
2.10	17.4	11.2	19
1.21	17.4	11.4	25
0.31	17.3	11.6	32
-0.63	17.4	12.1	31
-1.51	17.3	12.2	33
-2.47	17.3	12.2	42
-3.31	17.3	12.3	45
-4.10	17.3	12.3	43
-4.90	17.3	12.3	49
-5.69	17.3	12.4	46
-6.50	17.3	12.4	51
-7.33	17.2	12.4	50
-8.13	17.2	12.4	50
-8.99	17.2	12.4	51
-9.85	17.2	12.4	55
-10.70	17.2	12.5	61
-11.52	17.2	12.5	72
-12.28	17.2	12.6	86
-13.06	17.2	12.7	73
-13.72	17.2	12.8	90
-13.88	17.2	12.8	113
Depth Avg			
	17.3	12.1	46



Siltprofiler

Date & Time [MET]: 29/9/2008 06:01
Time after/before HT [MET]: 2:51
Coordinates [UTM-ED50] Easting: 588777
Coordinates [UTM-ED50] Northing: 5684265
Water-Bottom Interface Siltpr. [m TAW]: -13.87
Waterdepth 210 kHz Echo [m TAW]: -13.36
Waterdepth 33 kHz Echo [m TAW]: -13.42
Surface Elevation [m TAW]: 3.32

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.04	17.2	9.7	18
2.25	17.3	10.5	17
1.42	17.3	11.1	18
0.67	17.4	11.5	19
-0.13	17.4	11.7	18
-0.97	17.4	11.9	23
-1.73	17.4	12.0	24
-2.52	17.4	11.9	25
-3.30	17.4	12.0	28
-4.07	17.4	12.1	28
-4.90	17.4	12.1	33
-5.81	17.4	12.1	32
-6.74	17.3	12.2	35
-7.61	17.3	12.2	42
-8.46	17.3	12.1	45
-9.32	17.3	12.2	51
-10.13	17.3	12.3	56
-10.93	17.3	12.3	58
-11.69	17.3	12.3	58
-12.47	17.3	12.3	55
-13.31	17.2	12.4	49
-13.87	17.2	12.5	371
-13.87	17.3	12.5	631
Depth Avg			
	17.3	11.9	35



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

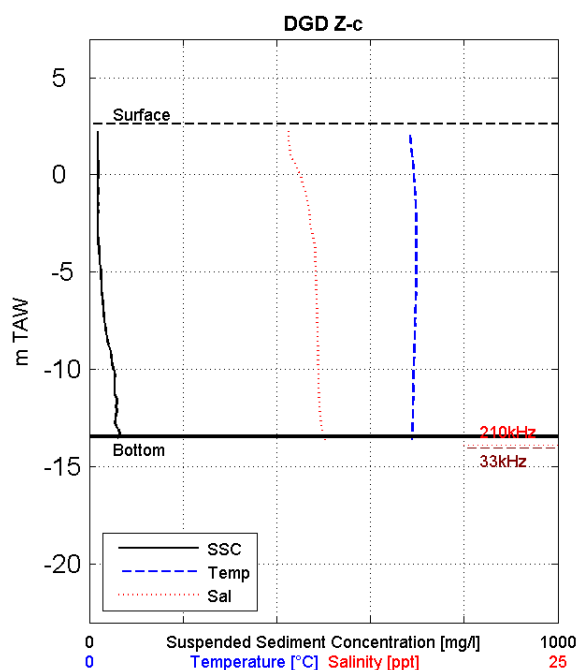
Sourcefile(s):

8047 Zc_ctd.sil

8062 Zc_ctd.sil

Location:

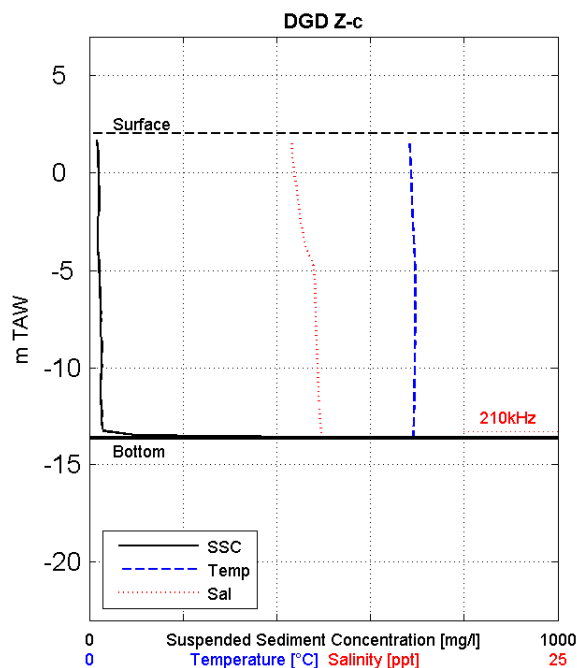
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:38
 Time after/before HT [MET]: 3:28
 Coordinates [UTM-ED50] Easting: 588763
 Coordinates [UTM-ED50] Northing: 5684257
 Water-Bottom Interface Siltpr. [m TAW]: -13.45
 Waterdepth 210 kHz Echo [m TAW]: -13.90
 Waterdepth 33 kHz Echo [m TAW]: -14.02
 Surface Elevation [m TAW]: 2.65

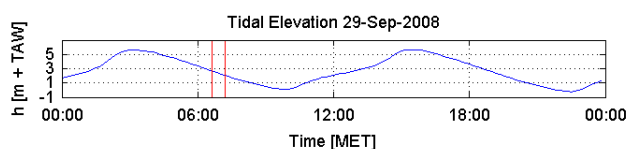
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.37	17.1	NaN	17
1.53	17.2	10.7	18
0.73	17.2	10.9	18
-0.08	17.3	11.3	19
-0.87	17.4	11.5	18
-1.59	17.4	11.7	18
-2.30	17.4	11.8	18
-3.03	17.4	11.9	17
-3.72	17.5	12.0	21
-4.51	17.4	12.1	22
-5.30	17.4	12.1	24
-6.15	17.4	12.1	28
-6.92	17.4	12.1	28
-7.66	17.4	12.1	33
-8.37	17.3	12.2	38
-9.11	17.3	12.2	46
-9.80	17.3	12.2	50
-10.55	17.3	12.2	54
-11.25	17.3	12.2	51
-12.00	17.3	12.3	58
-12.76	17.3	12.4	54
-13.41	17.3	12.5	60
-13.45	17.2	12.5	60
Depth Avg			
17.3 11.8 32			



Siltprofiler

Date & Time [MET]: 29/9/2008 07:13
 Time after/before HT [MET]: 4:03
 Coordinates [UTM-ED50] Easting: 588765
 Coordinates [UTM-ED50] Northing: 5684261
 Water-Bottom Interface Siltpr. [m TAW]: -13.64
 Waterdepth 210 kHz Echo [m TAW]: -13.33
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.02

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.72	17.1	NaN	14
1.11	17.1	10.8	17
0.39	17.1	10.9	19
-0.27	17.2	11.0	18
-1.06	17.2	11.1	22
-1.69	17.2	11.2	21
-2.33	17.2	11.3	17
-3.04	17.3	11.4	17
-3.73	17.3	11.5	18
-4.45	17.4	11.8	20
-5.16	17.4	12.0	22
-5.97	17.4	12.1	23
-6.71	17.4	12.1	23
-7.50	17.4	12.1	24
-8.21	17.3	12.1	22
-8.97	17.4	12.1	27
-9.78	17.3	12.2	26
-10.54	17.3	12.2	24
-11.20	17.3	12.2	23
-11.87	17.3	12.2	24
-12.58	17.3	12.3	27
-13.20	17.3	12.4	28
-13.64	17.3	12.4	5572
Depth Avg			
17.3 11.7 34			



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

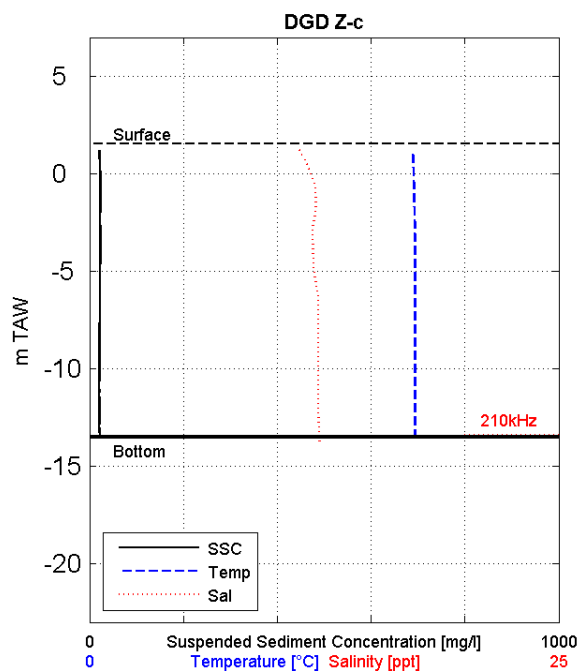
Sourcefile(s):

8077 Zc_ctd.sil

8092 Zc_ctd.sil

Location:

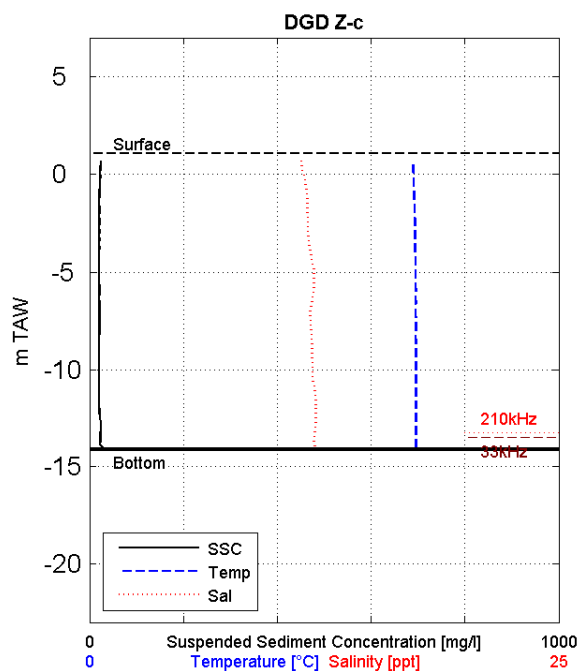
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:42
 Time after/before HT [MET]: 4:32
 Coordinates [UTM-ED50] Easting: 588764
 Coordinates [UTM-ED50] Northing: 5684261
 Water-Bottom Interface Siltpr. [m TAW]: -13.52
 Waterdepth 210 kHz Echo [m TAW]: -13.35
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.52

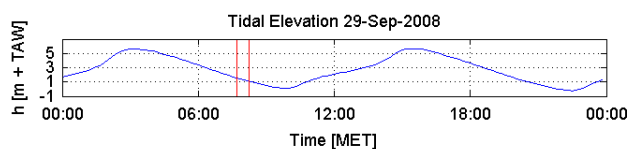
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.24	17.2	11.2	20
0.53	17.2	11.6	22
-0.16	17.3	11.9	24
-0.82	17.3	12.0	23
-1.49	17.3	12.0	23
-2.17	17.3	12.0	21
-2.83	17.3	11.9	22
-3.60	17.3	11.9	23
-4.36	17.3	11.9	22
-5.09	17.3	11.9	21
-5.79	17.3	12.1	21
-6.45	17.4	12.2	20
-7.21	17.4	12.1	21
-7.97	17.3	12.2	21
-8.69	17.3	12.2	22
-9.35	17.3	12.2	21
-9.97	17.4	12.2	21
-10.70	17.3	12.1	19
-11.34	17.3	12.2	19
-12.05	17.3	12.2	20
-12.76	17.3	12.2	21
-13.48	17.3	12.2	21
-13.52	17.3	12.2	22
Depth Avg	17.3	12.0	21



Siltprofiler

Date & Time [MET]: 29/9/2008 08:14
 Time after/before HT [MET]: 5:04
 Coordinates [UTM-ED50] Easting: 588776
 Coordinates [UTM-ED50] Northing: 5684274
 Water-Bottom Interface Siltpr. [m TAW]: -14.13
 Waterdepth 210 kHz Echo [m TAW]: -13.27
 Waterdepth 33 kHz Echo [m TAW]: -13.53
 Surface Elevation [m TAW]: 1.08

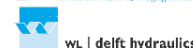
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.79	17.2	11.3	23
0.05	17.3	11.4	22
-0.68	17.3	11.5	22
-1.45	17.3	11.6	19
-2.21	17.3	11.6	22
-2.95	17.3	11.6	21
-3.68	17.3	11.7	20
-4.39	17.4	11.8	20
-5.13	17.4	11.9	20
-5.89	17.4	11.9	21
-6.64	17.3	11.8	19
-7.47	17.4	11.8	22
-8.18	17.4	11.8	21
-9.04	17.3	11.8	19
-9.71	17.4	11.9	18
-10.56	17.4	11.9	19
-11.35	17.4	12.0	19
-12.07	17.4	12.0	21
-12.83	17.4	12.0	23
-13.57	17.4	11.9	23
-14.05	17.4	12.0	23
-14.08	17.3	12.0	65
-14.13	17.3	12.1	26
Depth Avg	17.3	11.8	20



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

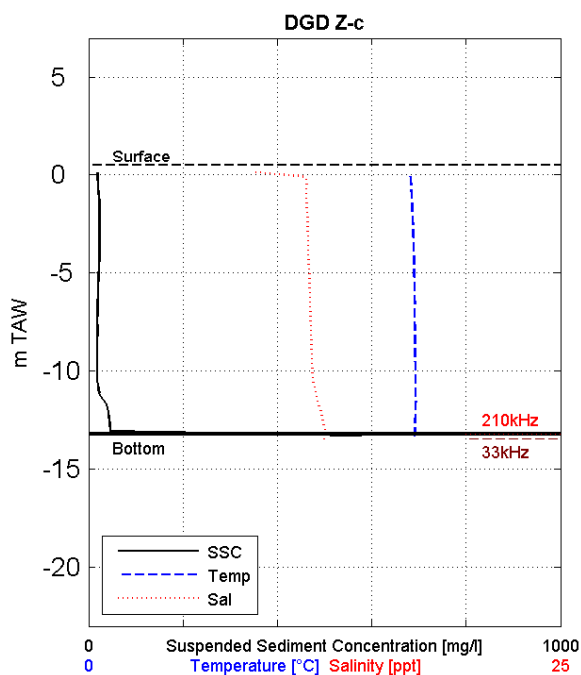
Sourcefile(s):

8112 Zc_ctd.sil

8127 Zc_ctd.sil

Location:

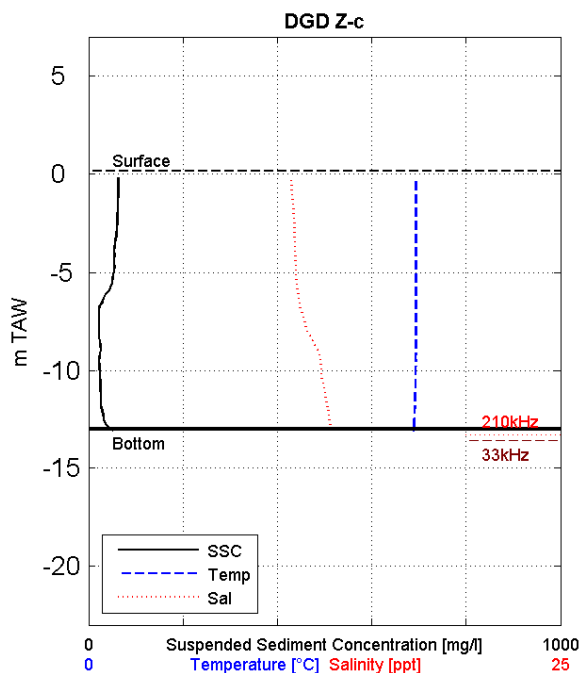
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 09:02
 Time after/before HT [MET]: 5:52
 Coordinates [UTM-ED50] Easting: 588766
 Coordinates [UTM-ED50] Northing: 5684256
 Water-Bottom Interface Siltpr. [m TAW]: -13.23
 Waterdepth 210 kHz Echo [m TAW]: -13.22
 Waterdepth 33 kHz Echo [m TAW]: -13.44
 Surface Elevation [m TAW]: 0.47

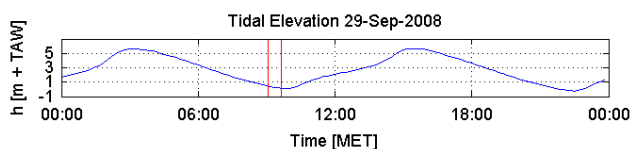
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.17	17.0	7.5	19
-0.57	17.1	11.5	19
-1.33	17.1	11.5	22
-1.97	17.1	11.6	23
-2.70	17.2	11.6	24
-3.39	17.2	11.6	23
-4.08	17.2	11.6	22
-4.72	17.3	11.7	22
-5.34	17.2	11.7	20
-5.92	17.3	11.7	19
-6.57	17.3	11.7	19
-7.15	17.3	11.7	18
-7.72	17.3	11.8	18
-8.29	17.3	11.8	17
-8.90	17.3	11.8	17
-9.49	17.3	11.8	16
-10.13	17.3	11.9	16
-10.81	17.3	11.9	19
-11.43	17.3	12.1	30
-12.09	17.3	12.3	41
-12.63	17.3	12.4	45
-13.23	17.3	12.5	27975
-13.23	17.3	12.5	27975
Depth Avg	17.2	11.7	95



Siltprofiler

Date & Time [MET]: 29/9/2008 09:39
 Time after/before HT [MET]: 6:29
 Coordinates [UTM-ED50] Easting: 588764
 Coordinates [UTM-ED50] Northing: 5684265
 Water-Bottom Interface Siltpr. [m TAW]: -13.06
 Waterdepth 210 kHz Echo [m TAW]: -13.34
 Waterdepth 33 kHz Echo [m TAW]: -13.62
 Surface Elevation [m TAW]: 0.17

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.13	17.3	NaN	63
-0.79	17.3	10.8	63
-1.44	17.3	10.8	62
-2.15	17.3	10.9	61
-2.76	17.3	10.9	60
-3.33	17.3	10.9	55
-3.94	17.3	10.9	54
-4.58	17.3	10.9	55
-5.22	17.3	11.0	51
-5.86	17.3	11.0	45
-6.48	17.4	11.2	28
-7.11	17.3	11.3	21
-7.70	17.3	11.5	21
-8.31	17.3	11.8	22
-8.86	17.3	12.1	25
-9.47	17.3	12.3	22
-10.09	17.3	12.3	23
-10.72	17.3	12.4	23
-11.31	17.2	12.6	25
-11.90	17.3	12.6	26
-12.49	17.3	12.7	31
-12.99	17.3	12.9	41
-13.06	17.2	12.9	63
Depth Avg	17.3	11.5	40



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

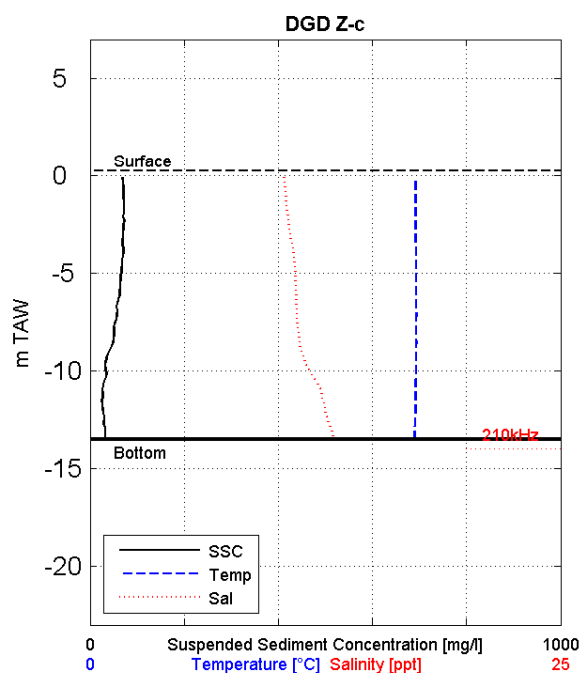
SiltProfiler & CTD-Diver

Sourcefile(s):

8142 Zc_ctd.sil
8157 Zc_ctd.sil

Location:

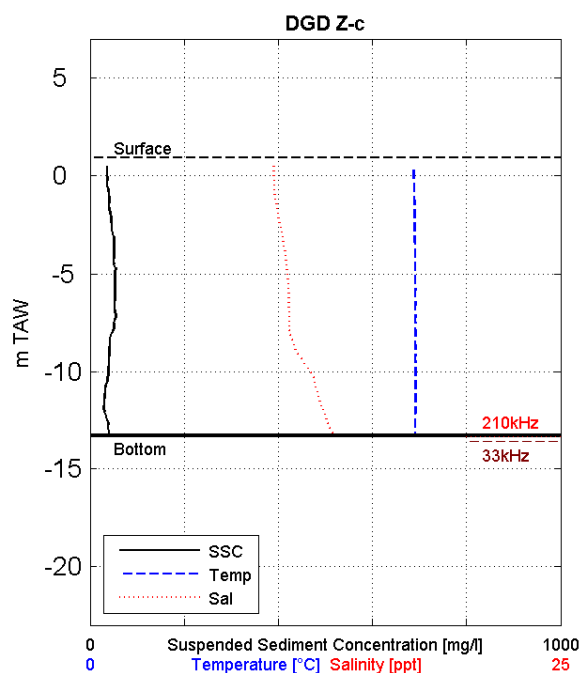
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:11
Time after/before HT [MET]: 0:21
Coordinates [UTM-ED50] Easting: 588767
Coordinates [UTM-ED50] Northing: 5684275
Water-Bottom Interface Siltpr. [m TAW]: -13.49
Waterdepth 210 kHz Echo [m TAW]: -13.97
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 0.27

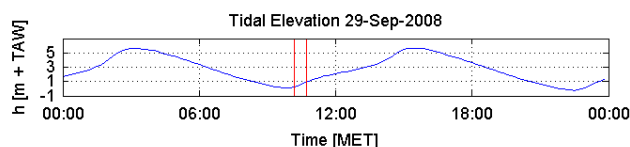
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.03	17.3	10.3	69
-0.72	17.3	10.4	70
-1.38	17.3	10.4	72
-1.99	17.3	10.5	69
-2.53	17.3	10.6	69
-3.20	17.3	10.7	68
-3.88	17.3	10.8	69
-4.60	17.3	10.9	66
-5.29	17.3	10.9	64
-5.95	17.3	10.9	61
-6.59	17.3	10.9	56
-7.23	17.3	11.0	56
-7.89	17.3	11.0	49
-8.50	17.3	11.1	50
-9.12	17.3	11.3	35
-9.78	17.3	11.5	33
-10.40	17.3	11.9	29
-11.01	17.3	12.3	27
-11.58	17.3	12.4	25
-12.17	17.3	12.5	28
-12.71	17.2	12.7	30
-13.27	17.3	12.9	31
-13.49	17.2	12.9	33
Depth Avg			
17.3 11.2 53			



Siltprofiler

Date & Time [MET]: 29/9/2008 10:44
Time after/before HT [MET]: 0:54
Coordinates [UTM-ED50] Easting: 588768
Coordinates [UTM-ED50] Northing: 5684266
Water-Bottom Interface Siltpr. [m TAW]: -13.31
Waterdepth 210 kHz Echo [m TAW]: -13.36
Waterdepth 33 kHz Echo [m TAW]: -13.62
Surface Elevation [m TAW]: 0.92

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.60	17.2	9.7	36
-0.15	17.2	9.8	36
-0.81	17.2	9.8	39
-1.44	17.2	9.9	39
-2.11	17.2	10.0	44
-2.78	17.2	10.2	47
-3.48	17.3	10.3	51
-4.22	17.2	10.4	50
-4.91	17.3	10.5	52
-5.57	17.3	10.5	53
-6.21	17.3	10.5	54
-6.90	17.3	10.6	51
-7.59	17.3	10.5	50
-8.30	17.3	10.7	42
-9.01	17.3	11.0	41
-9.60	17.3	11.4	39
-10.25	17.3	11.9	35
-10.86	17.3	12.0	30
-11.50	17.3	12.2	30
-12.14	17.3	12.4	32
-12.82	17.3	12.7	37
-13.31	17.2	12.9	39
-13.31	17.2	12.9	39
Depth Avg			
17.2 10.8 43			



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

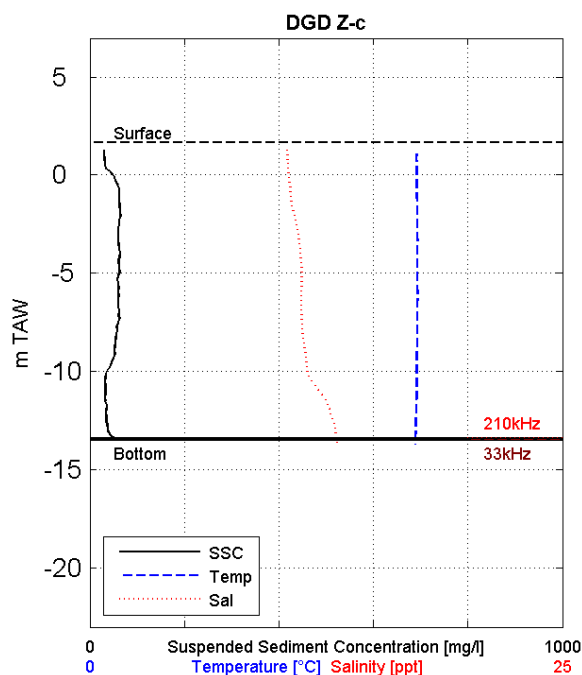
Sourcefile(s):

8172 Zc_ctd.sil

8187 Zc_ctd.sil

Location:

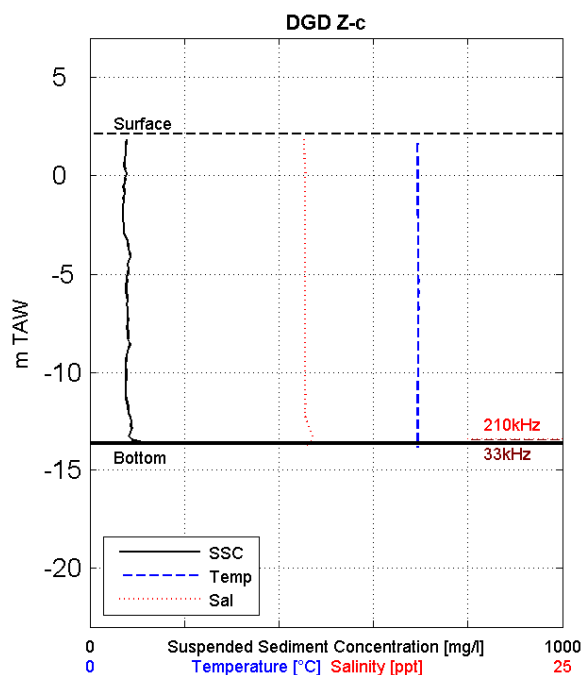
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 11:24
 Time after/before HT [MET]: 1:34
 Coordinates [UTM-ED50] Easting: 588765
 Coordinates [UTM-ED50] Northing: 5684234
 Water-Bottom Interface Siltpr. [m TAW]: -13.46
 Waterdepth 210 kHz Echo [m TAW]: -13.34
 Waterdepth 33 kHz Echo [m TAW]: -13.48
 Surface Elevation [m TAW]: 1.68

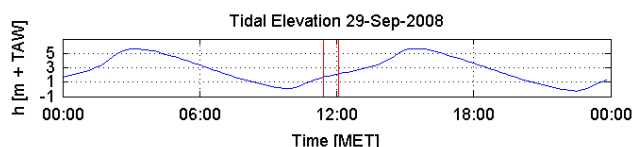
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.36	17.3	10.4	29
0.77	17.3	10.5	30
0.17	17.3	10.5	41
-0.42	17.3	10.6	58
-1.11	17.3	10.6	60
-1.80	17.3	10.7	63
-2.50	17.3	10.9	60
-3.19	17.3	11.0	57
-3.95	17.3	11.1	63
-4.70	17.3	11.2	61
-5.46	17.3	11.2	59
-6.26	17.3	11.2	59
-7.00	17.3	11.2	62
-7.77	17.3	11.2	58
-8.53	17.3	11.3	54
-9.19	17.3	11.4	52
-9.97	17.3	11.5	34
-10.64	17.3	11.8	31
-11.33	17.3	12.4	31
-12.04	17.3	12.7	34
-12.73	17.2	12.9	36
-13.37	17.2	13.0	51
-13.46	17.2	13.0	57
Depth Avg	17.3	11.3	50



Siltprofiler

Date & Time [MET]: 29/9/2008 12:04
 Time after/before HT [MET]: 2:14
 Coordinates [UTM-ED50] Easting: 588772
 Coordinates [UTM-ED50] Northing: 5684239
 Water-Bottom Interface Siltpr. [m TAW]: -13.66
 Waterdepth 210 kHz Echo [m TAW]: -13.41
 Waterdepth 33 kHz Echo [m TAW]: -13.49
 Surface Elevation [m TAW]: 2.14

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.85	17.3	11.3	78
0.96	17.4	11.4	74
0.18	17.3	11.4	78
-0.56	17.4	11.4	70
-1.23	17.3	11.4	70
-1.74	17.4	11.3	70
-2.43	17.3	11.3	71
-3.22	17.3	11.3	77
-4.05	17.4	11.4	85
-4.81	17.4	11.4	80
-5.50	17.4	11.4	77
-6.12	17.4	11.4	78
-6.83	17.3	11.4	80
-7.64	17.4	11.4	77
-8.43	17.3	11.4	83
-9.13	17.4	11.3	77
-9.78	17.3	11.4	75
-10.44	17.4	11.4	76
-11.08	17.4	11.4	76
-11.84	17.4	11.4	82
-12.63	17.3	11.5	86
-13.41	17.4	11.8	83
-13.66	17.3	11.5	125
Depth Avg	17.4	11.4	78



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

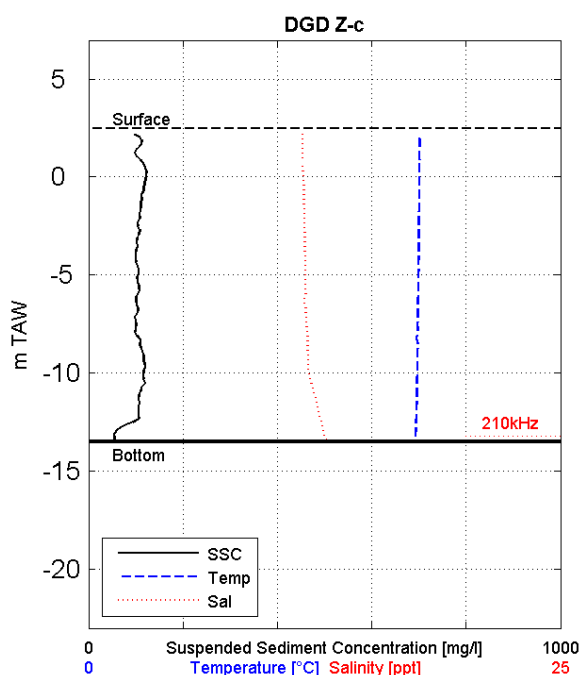
Sourcefile(s):

8202 Zc_ctd.sil

8222 Zc_ctd.sil

Location:

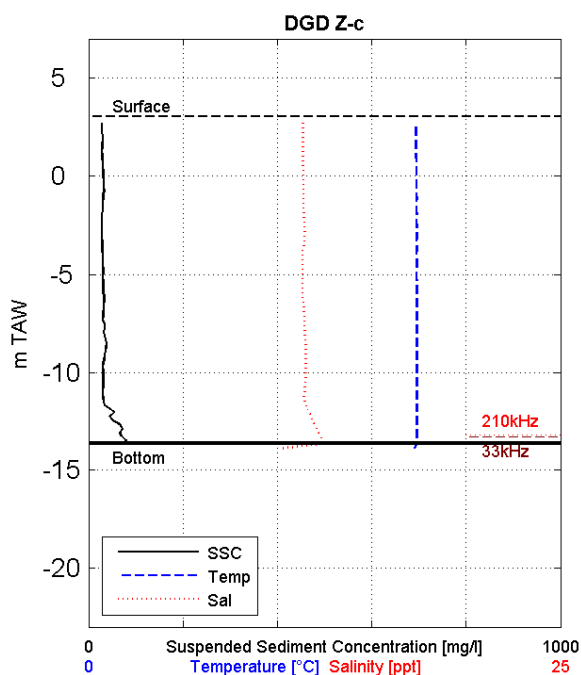
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:38
 Time after/before HT [MET]: 2:48
 Coordinates [UTM-ED50] Easting: 588763
 Coordinates [UTM-ED50] Northing: 5684270
 Water-Bottom Interface Siltpr. [m TAW]: -13.49
 Waterdepth 210 kHz Echo [m TAW]: -13.23
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.51

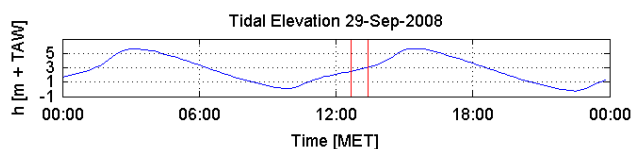
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.21	17.5	11.3	96
1.43	17.5	11.3	101
0.69	17.5	11.3	115
-0.17	17.5	11.4	118
-0.85	17.5	11.4	111
-1.60	17.5	11.4	110
-2.30	17.5	11.4	104
-3.05	17.5	11.4	103
-3.86	17.5	11.5	99
-4.64	17.5	11.5	105
-5.45	17.4	11.5	106
-6.17	17.4	11.5	98
-6.90	17.4	11.5	106
-7.62	17.4	11.6	100
-8.32	17.4	11.6	109
-9.02	17.4	11.6	117
-9.71	17.4	11.6	117
-10.46	17.4	11.8	125
-11.22	17.4	12.0	103
-11.97	17.3	12.2	103
-12.67	17.3	12.4	72
-13.42	17.3	12.6	56
-13.49	17.3	12.6	50
Depth Avg	17.4	11.6	105



Siltprofiler

Date & Time [MET]: 29/9/2008 13:24
 Time after/before HT [MET]: 3:34
 Coordinates [UTM-ED50] Easting: 588775
 Coordinates [UTM-ED50] Northing: 5684257
 Water-Bottom Interface Siltpr. [m TAW]: -13.68
 Waterdepth 210 kHz Echo [m TAW]: -13.21
 Waterdepth 33 kHz Echo [m TAW]: -13.33
 Surface Elevation [m TAW]: 3.06

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.77	17.3	11.4	27
2.10	17.3	11.3	29
1.32	17.3	11.3	28
0.60	17.3	11.3	28
-0.33	17.4	11.4	30
-1.12	17.4	11.4	30
-1.88	17.4	11.4	27
-2.61	17.4	11.4	26
-3.31	17.4	11.4	28
-4.16	17.4	11.4	30
-5.09	17.4	11.3	30
-5.94	17.4	11.4	31
-6.64	17.3	11.4	26
-7.46	17.4	11.4	34
-8.24	17.4	11.5	35
-9.01	17.4	11.5	34
-9.79	17.4	11.5	31
-10.58	17.4	11.5	30
-11.37	17.4	11.4	30
-12.10	17.4	11.7	54
-12.82	17.4	12.0	67
-13.58	17.4	12.5	82
-13.68	17.4	12.5	90
Depth Avg	17.4	11.5	34



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

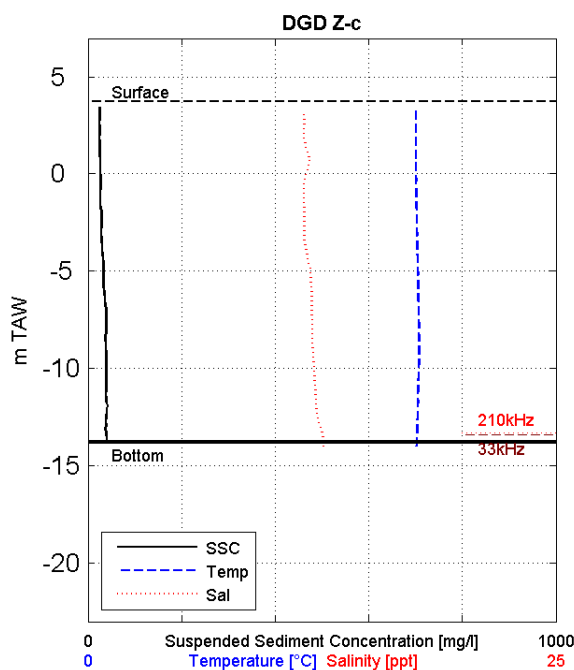
Sourcefile(s):

8237 Zc_ctd.sil

8252 Zc_ctd.sil

Location:

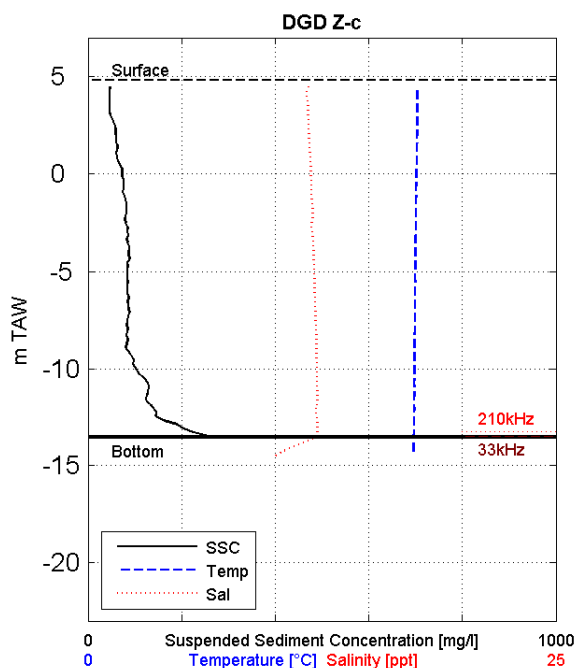
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 14:02
 Time after/before HT [MET]: 4:12
 Coordinates [UTM-ED50] Easting: 588773
 Coordinates [UTM-ED50] Northing: 5684247
 Water-Bottom Interface Siltpr. [m TAW]: -13.79
 Waterdepth 210 kHz Echo [m TAW]: -13.32
 Waterdepth 33 kHz Echo [m TAW]: -13.42
 Surface Elevation [m TAW]: 3.76

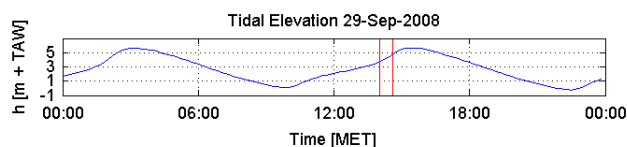
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.47	17.5	NaN	24
2.80	17.5	11.5	24
2.14	17.5	11.5	24
1.52	17.5	11.6	24
0.79	17.5	11.8	24
0.07	17.5	11.7	25
-0.62	17.5	11.5	26
-1.33	17.5	11.5	26
-1.99	17.6	11.5	28
-2.63	17.6	11.5	28
-3.37	17.6	11.5	29
-4.17	17.6	11.7	30
-5.02	17.6	11.9	33
-6.02	17.6	11.9	31
-7.00	17.6	12.0	39
-7.91	17.7	12.0	38
-8.80	17.7	12.0	37
-9.71	17.7	12.1	39
-10.54	17.6	12.1	41
-11.40	17.6	12.1	37
-12.26	17.6	12.2	38
-13.12	17.6	12.4	36
-13.79	17.6	12.6	42
Depth Avg	17.6	11.8	32



Siltprofiler

Date & Time [MET]: 29/9/2008 14:37
 Time after/before HT [MET]: 4:47
 Coordinates [UTM-ED50] Easting: 588754
 Coordinates [UTM-ED50] Northing: 5684274
 Water-Bottom Interface Siltpr. [m TAW]: -13.57
 Waterdepth 210 kHz Echo [m TAW]: -13.29
 Waterdepth 33 kHz Echo [m TAW]: -13.51
 Surface Elevation [m TAW]: 4.83

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.54	17.6	11.8	51
3.78	17.6	11.7	44
2.97	17.6	11.8	49
2.10	17.6	11.8	58
1.27	17.5	11.8	63
0.51	17.6	11.9	66
-0.31	17.5	11.9	72
-1.16	17.5	11.9	77
-2.07	17.5	12.0	80
-2.93	17.5	12.0	84
-3.77	17.4	12.0	88
-4.61	17.5	12.1	83
-5.57	17.5	12.1	85
-6.50	17.5	12.1	85
-7.40	17.4	12.2	86
-8.22	17.4	12.2	82
-9.12	17.4	12.2	87
-9.96	17.4	12.2	103
-10.78	17.4	12.2	124
-11.66	17.4	12.2	144
-12.57	17.4	12.2	251
-13.38	17.4	12.2	276
-13.57	17.4	12.2	276
Depth Avg	17.5	12.0	88



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

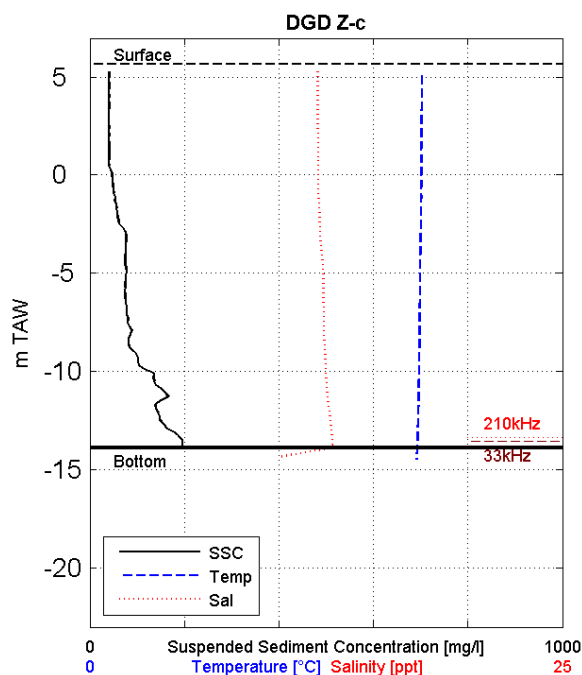
Sourcefile(s):

8267 Zc_ctd.sil

8282 Zc_ctd.sil

Location:

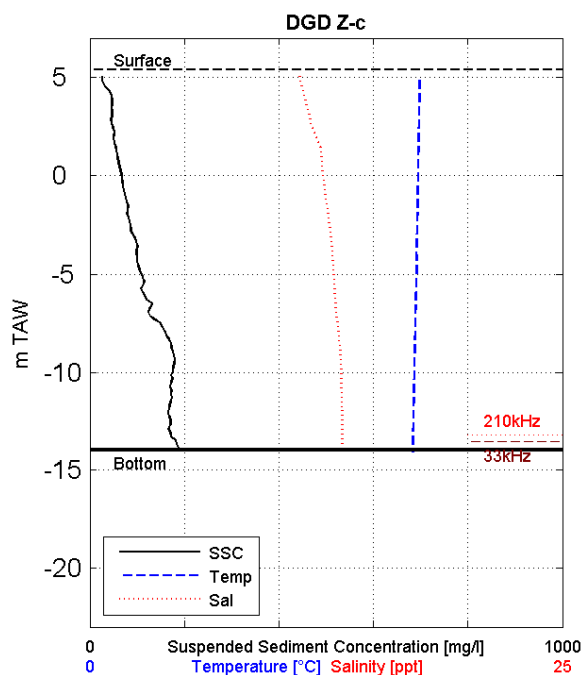
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 15:30
 Time after/before HT [MET]: 5:40
 Coordinates [UTM-ED50] Easting: 588761
 Coordinates [UTM-ED50] Northing: 5684267
 Water-Bottom Interface Siltpr. [m TAW]: -13.88
 Waterdepth 210 kHz Echo [m TAW]: -13.34
 Waterdepth 33 kHz Echo [m TAW]: -13.56
 Surface Elevation [m TAW]: 5.66

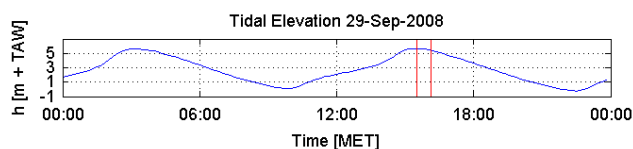
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.37	17.5	12.0	38
4.60	17.5	12.1	42
3.82	17.5	12.1	40
3.01	17.5	12.0	40
2.22	17.5	12.0	39
1.46	17.5	12.1	41
0.65	17.5	12.1	40
-0.17	17.5	12.1	47
-1.15	17.5	12.1	54
-2.15	17.5	12.1	58
-3.07	17.5	12.2	75
-4.03	17.4	12.3	75
-4.98	17.4	12.3	76
-5.87	17.4	12.4	73
-6.85	17.4	12.3	79
-7.79	17.4	12.4	89
-8.69	17.4	12.4	82
-9.67	17.4	12.5	103
-10.63	17.4	12.5	138
-11.59	17.3	12.6	138
-12.60	17.4	12.7	152
-13.56	17.3	12.8	196
-13.88	17.3	12.8	203
Depth Avg	17.5	12.3	80



Siltprofiler

Date & Time [MET]: 29/9/2008 16:08
 Time after/before HT [MET]: 6:18
 Coordinates [UTM-ED50] Easting: 588781
 Coordinates [UTM-ED50] Northing: 5684266
 Water-Bottom Interface Siltpr. [m TAW]: -13.99
 Waterdepth 210 kHz Echo [m TAW]: -13.22
 Waterdepth 33 kHz Echo [m TAW]: -13.56
 Surface Elevation [m TAW]: 5.40

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.11	17.4	11.1	26
4.18	17.4	11.3	44
3.34	17.4	11.5	49
2.48	17.4	11.8	47
1.60	17.4	12.1	54
0.71	17.4	12.3	60
-0.25	17.4	12.4	68
-1.21	17.3	12.5	76
-2.17	17.3	12.6	82
-3.12	17.3	12.7	92
-4.09	17.3	12.8	98
-5.06	17.3	12.9	111
-6.02	17.3	12.9	114
-6.84	17.2	13.0	123
-7.75	17.2	13.1	153
-8.70	17.1	13.2	171
-9.64	17.1	13.3	178
-10.59	17.1	13.3	170
-11.48	17.1	13.3	171
-12.37	17.1	13.3	171
-13.18	17.1	13.4	170
-13.99	17.1	13.3	190
Depth Avg	17.3	12.6	108



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

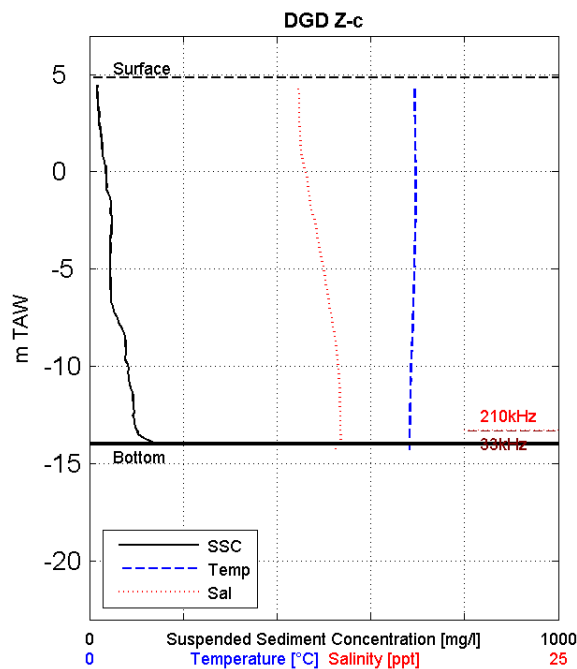
Sourcefile(s):

8297 Zc_ctd.sil

8312 Zc_ctd.sil

Location:

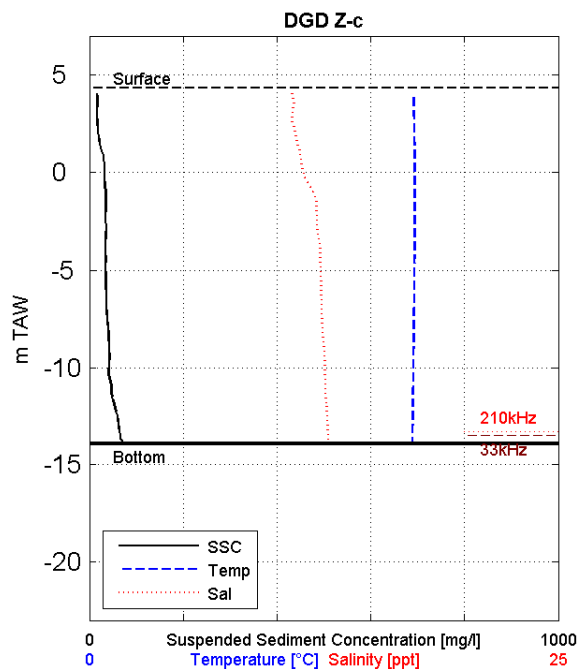
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:45
 Time after/before HT [MET]: 6:55
 Coordinates [UTM-ED50] Easting: 588763
 Coordinates [UTM-ED50] Northing: 5684237
 Water-Bottom Interface Siltpr. [m TAW]: -13.98
 Waterdepth 210 kHz Echo [m TAW]: -13.24
 Waterdepth 33 kHz Echo [m TAW]: -13.29
 Surface Elevation [m TAW]: 4.84

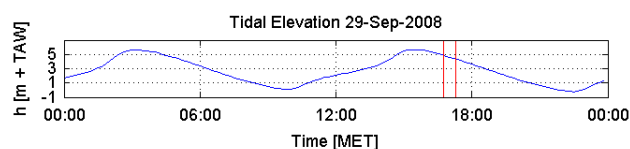
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.50	17.3	NaN	16
3.63	17.3	11.1	18
2.78	17.3	11.2	20
1.77	17.4	11.2	26
0.86	17.4	11.3	27
0.04	17.4	11.5	35
-0.79	17.4	11.6	36
-1.57	17.4	11.7	45
-2.46	17.4	12.0	48
-3.30	17.4	12.1	44
-4.28	17.3	12.3	44
-5.16	17.3	12.5	43
-6.09	17.3	12.7	45
-7.05	17.2	12.8	51
-7.92	17.2	13.0	68
-8.80	17.2	13.1	76
-9.71	17.1	13.2	77
-10.60	17.1	13.3	86
-11.48	17.1	13.4	92
-12.32	17.1	13.4	95
-13.17	17.1	13.4	98
-13.98	17.1	13.3	179
-13.98	17.1	13.3	179
Depth Avg	17.3	12.3	53



Siltprofiler

Date & Time [MET]: 29/9/2008 17:16
 Time after/before HT [MET]: 7:26
 Coordinates [UTM-ED50] Easting: 588764
 Coordinates [UTM-ED50] Northing: 5684263
 Water-Bottom Interface Siltpr. [m TAW]: -13.94
 Waterdepth 210 kHz Echo [m TAW]: -13.33
 Waterdepth 33 kHz Echo [m TAW]: -13.53
 Surface Elevation [m TAW]: 4.34

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.05	17.3	10.8	16
3.03	17.3	10.8	15
2.05	17.3	10.9	17
1.26	17.3	11.2	23
0.31	17.3	11.3	31
-0.56	17.3	11.7	32
-1.41	17.4	12.1	35
-2.15	17.3	12.1	34
-2.96	17.3	12.2	36
-3.80	17.3	12.3	36
-4.59	17.3	12.3	34
-5.51	17.3	12.3	35
-6.35	17.3	12.4	35
-7.17	17.3	12.4	36
-8.00	17.3	12.4	40
-8.79	17.3	12.5	41
-9.65	17.2	12.6	44
-10.38	17.3	12.6	40
-11.17	17.3	12.6	48
-11.98	17.2	12.6	54
-12.82	17.2	12.7	60
-13.62	17.2	12.7	66
-13.94	17.2	12.7	80
Depth Avg	17.3	12.0	36



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

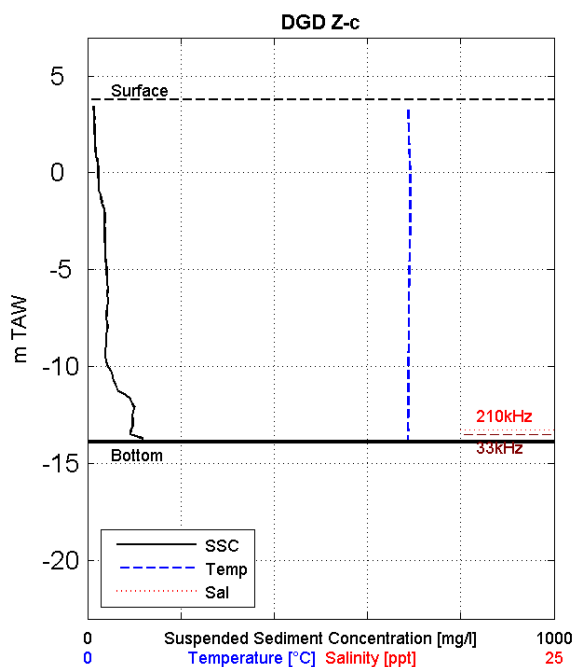
SiltProfiler & CTD-Diver

Sourcefile(s):

8327 Zc_ctd.sil

Location:

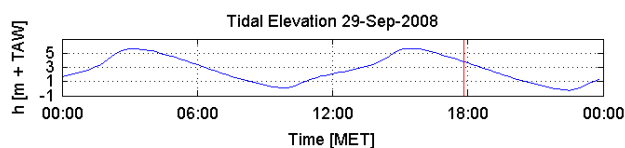
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:49
 Time after/before HT [MET]: 7:59
 Coordinates [UTM-ED50] Easting: 588756
 Coordinates [UTM-ED50] Northing: 5684267
 Water-Bottom Interface Siltpr. [m TAW]: -13.88
 Waterdepth 210 kHz Echo [m TAW]: -13.27
 Waterdepth 33 kHz Echo [m TAW]: -13.49
 Surface Elevation [m TAW]: 3.80

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.48	17.2	NaN	14
2.56	17.2	NaN	16
1.63	17.2	NaN	16
0.69	17.3	NaN	20
-0.12	17.3	NaN	22
-0.87	17.3	NaN	24
-1.67	17.3	NaN	32
-2.50	17.3	NaN	36
-3.31	17.3	NaN	37
-4.29	17.3	NaN	37
-5.01	17.2	NaN	44
-5.74	17.2	NaN	42
-6.61	17.2	NaN	45
-7.42	17.2	NaN	39
-8.30	17.2	NaN	39
-9.11	17.2	NaN	37
-9.89	17.2	NaN	43
-10.68	17.2	NaN	55
-11.37	17.2	NaN	72
-12.06	17.2	NaN	101
-12.80	17.2	NaN	97
-13.48	17.2	NaN	90
-13.88	17.2	NaN	218
Depth Avg	17.2	NaN	43



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

F.14 Location Zd

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

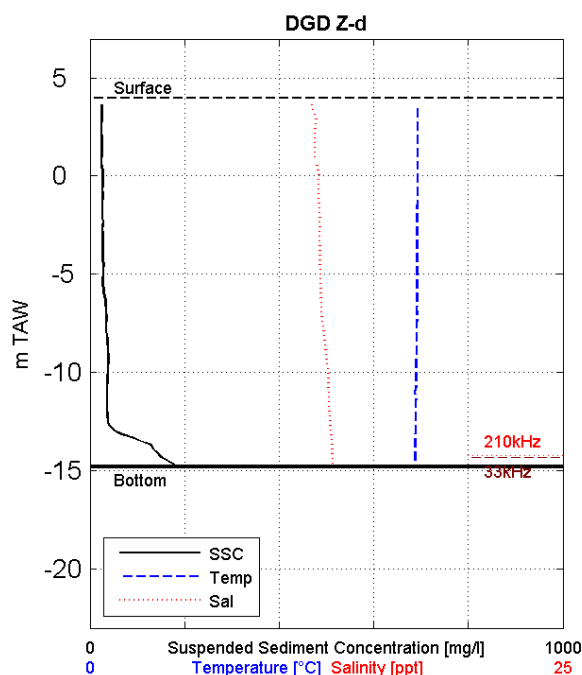
Sourcefile(s):

8015 Zd_ctd.sil

8030 Zd_ctd.sil

Location:

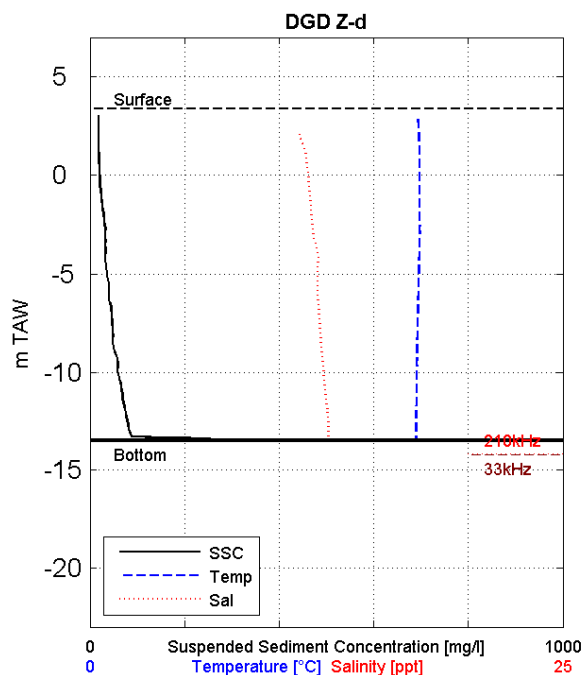
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:22
Time after/before HT [MET]: 2:12
Coordinates [UTM-ED50] Easting: 588825
Coordinates [UTM-ED50] Northing: 5684329
Water-Bottom Interface Siltpr. [m TAW]: -14.79
Waterdepth 210 kHz Echo [m TAW]: -14.23
Waterdepth 33 kHz Echo [m TAW]: -14.34
Surface Elevation [m TAW]: 4.00

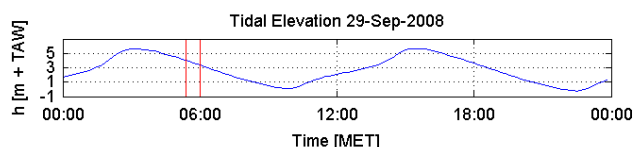
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.67	17.3	11.7	24
2.88	17.3	11.9	26
2.10	17.3	11.8	26
1.33	17.3	11.9	24
0.50	17.3	12.0	24
-0.36	17.3	12.1	26
-1.24	17.3	12.1	25
-2.10	17.3	12.1	25
-2.97	17.3	12.1	27
-3.82	17.3	12.1	26
-4.68	17.3	12.2	28
-5.60	17.3	12.2	27
-6.55	17.3	12.2	33
-7.54	17.3	12.3	34
-8.44	17.2	12.4	37
-9.38	17.2	12.5	38
-10.28	17.2	12.6	38
-11.20	17.2	12.6	35
-12.10	17.2	12.7	36
-12.99	17.2	12.7	55
-13.88	17.2	12.8	134
-14.68	17.2	12.8	182
-14.79	17.2	NaN	174
Depth Avg			
	17.3	12.3	39



Siltprofiler

Date & Time [MET]: 29/9/2008 06:00
Time after/before HT [MET]: 2:50
Coordinates [UTM-ED50] Easting: 588820
Coordinates [UTM-ED50] Northing: 5684349
Water-Bottom Interface Siltpr. [m TAW]: -13.52
Waterdepth 210 kHz Echo [m TAW]: -14.21
Waterdepth 33 kHz Echo [m TAW]: -14.24
Surface Elevation [m TAW]: 3.35

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.07	17.3	NaN	17
2.33	17.4	NaN	17
1.50	17.4	11.3	17
0.69	17.4	11.4	20
-0.22	17.4	11.5	20
-1.08	17.4	11.6	24
-1.92	17.4	11.7	28
-2.71	17.4	11.8	32
-3.52	17.4	11.9	32
-4.43	17.4	12.0	33
-5.26	17.4	12.0	38
-6.18	17.3	12.0	38
-7.03	17.3	12.1	45
-7.87	17.3	12.2	47
-8.76	17.3	12.2	49
-9.59	17.3	12.3	59
-10.48	17.3	12.4	63
-11.36	17.2	12.5	70
-12.20	17.3	12.6	77
-13.06	17.3	12.6	85
-13.43	17.2	12.6	255
-13.47	17.3	12.6	48
-13.52	17.2	12.6	161
Depth Avg			
	17.3	11.9	42



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

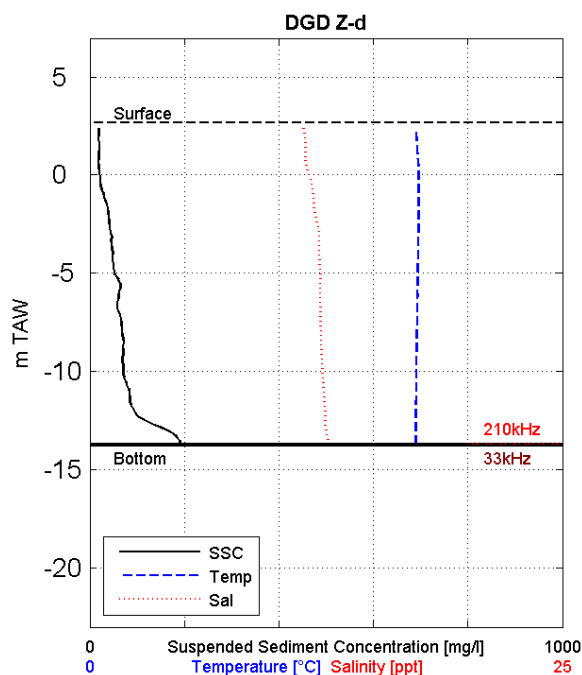
Sourcefile(s):

8046 Zd_ctd.sil

8061 Zd_ctd.sil

Location:

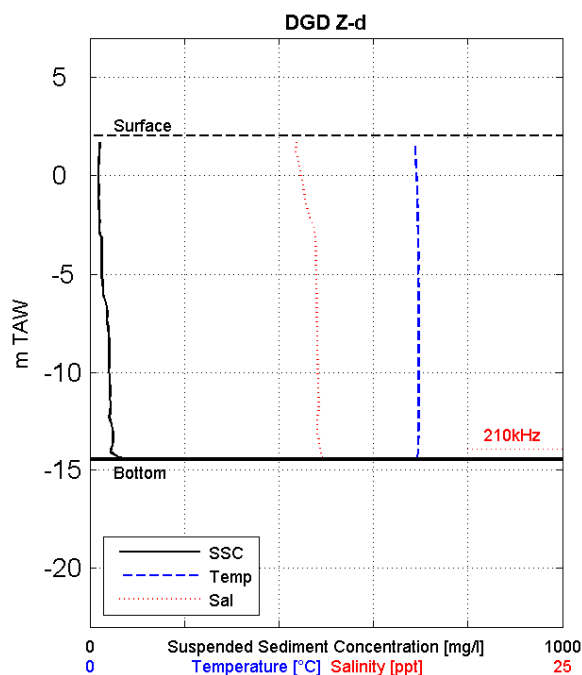
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:36
 Time after/before HT [MET]: 3:26
 Coordinates [UTM-ED50] Easting: 588807
 Coordinates [UTM-ED50] Northing: 5684321
 Water-Bottom Interface Siltpr. [m TAW]: -13.73
 Waterdepth 210 kHz Echo [m TAW]: -13.63
 Waterdepth 33 kHz Echo [m TAW]: -13.70
 Surface Elevation [m TAW]: 2.69

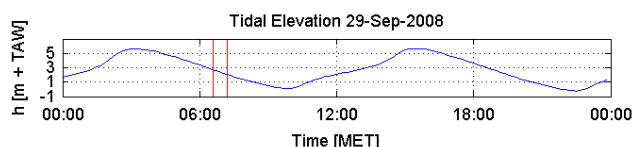
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.40	17.3	11.3	18
1.43	17.3	11.4	18
0.50	17.4	11.4	18
-0.33	17.4	11.7	21
-1.14	17.4	11.8	29
-1.98	17.4	11.9	39
-2.86	17.4	12.1	44
-3.72	17.3	12.1	48
-4.56	17.3	12.2	49
-5.44	17.3	12.2	63
-6.30	17.3	12.2	60
-7.12	17.3	12.2	63
-7.91	17.3	12.2	66
-8.66	17.3	12.2	70
-9.43	17.3	12.3	67
-10.21	17.3	12.3	70
-10.95	17.3	12.4	83
-11.67	17.2	12.4	85
-12.35	17.2	12.4	109
-13.12	17.2	12.5	175
-13.63	17.2	12.6	191
-13.70	17.2	12.6	183
-13.73	17.2	12.6	184
Depth Avg	17.3	12.0	59



Siltprofiler

Date & Time [MET]: 29/9/2008 07:11
 Time after/before HT [MET]: 4:01
 Coordinates [UTM-ED50] Easting: 588808
 Coordinates [UTM-ED50] Northing: 5684329
 Water-Bottom Interface Siltpr. [m TAW]: -14.46
 Waterdepth 210 kHz Echo [m TAW]: -13.95
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.04

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.76	17.2	10.9	21
0.91	17.2	11.0	19
0.04	17.2	11.2	17
-0.89	17.3	11.3	18
-1.75	17.3	11.5	20
-2.54	17.3	11.8	19
-3.42	17.4	11.9	24
-4.33	17.4	11.9	26
-5.29	17.4	12.0	26
-6.12	17.4	12.0	29
-6.91	17.4	12.0	36
-7.74	17.4	12.0	38
-8.61	17.4	12.0	41
-9.46	17.4	12.0	40
-10.30	17.4	12.1	41
-11.16	17.4	12.1	43
-12.02	17.4	12.1	44
-12.88	17.4	12.0	48
-13.75	17.4	12.1	48
-14.29	17.3	12.3	50
-14.36	17.3	12.3	65
-14.41	17.3	12.3	104
-14.46	17.3	12.3	15
Depth Avg	17.3	11.8	31



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

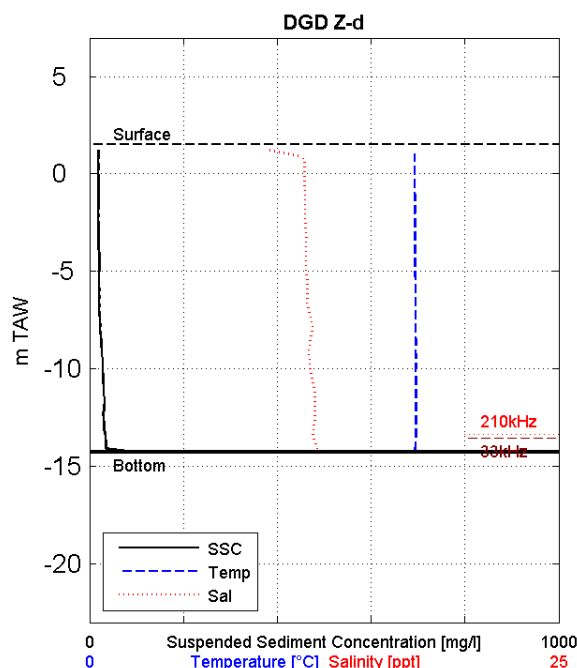
Sourcefile(s):

8076 Zd_ctd.sil

8091 Zd_ctd.sil

Location:

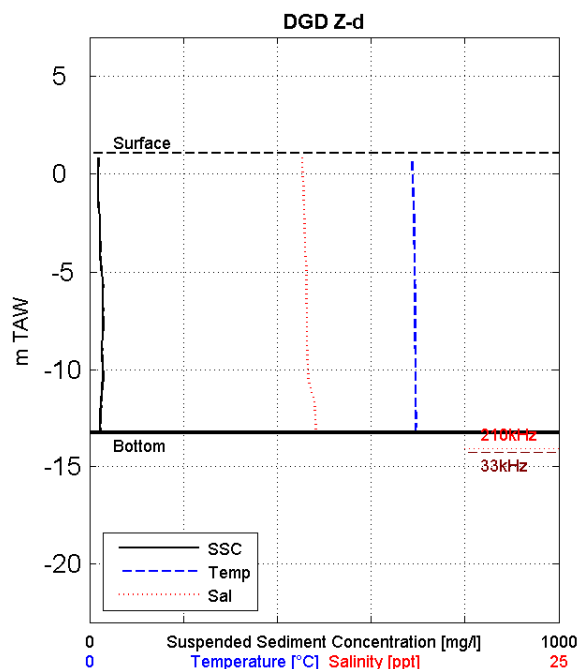
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:41
 Time after/before HT [MET]: 4:31
 Coordinates [UTM-ED50] Easting: 588816
 Coordinates [UTM-ED50] Northing: 5684344
 Water-Bottom Interface Siltpr. [m TAW]: -14.26
 Waterdepth 210 kHz Echo [m TAW]: -13.37
 Waterdepth 33 kHz Echo [m TAW]: -13.54
 Surface Elevation [m TAW]: 1.55

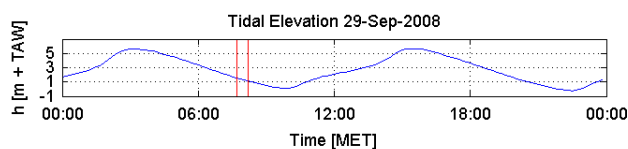
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.25	17.3	9.6	18
0.49	17.3	11.4	18
-0.22	17.3	11.4	18
-0.89	17.3	11.4	18
-1.70	17.3	11.5	18
-2.44	17.3	11.5	18
-3.22	17.3	11.5	19
-3.95	17.3	11.5	19
-4.69	17.3	11.5	21
-5.46	17.4	11.6	21
-6.22	17.4	11.6	20
-6.95	17.4	11.6	19
-7.74	17.3	11.9	23
-8.46	17.4	11.8	23
-9.21	17.4	11.7	26
-9.95	17.4	11.7	28
-10.69	17.4	11.9	29
-11.41	17.4	12.0	32
-12.09	17.4	12.0	30
-12.81	17.4	11.9	32
-13.57	17.4	11.9	31
-14.25	17.4	12.1	39
-14.26	17.3	12.2	195
Depth Avg	17.3	11.6	23



Siltprofiler

Date & Time [MET]: 29/9/2008 08:12
 Time after/before HT [MET]: 5:02
 Coordinates [UTM-ED50] Easting: 588816
 Coordinates [UTM-ED50] Northing: 5684345
 Water-Bottom Interface Siltpr. [m TAW]: -13.27
 Waterdepth 210 kHz Echo [m TAW]: -14.09
 Waterdepth 33 kHz Echo [m TAW]: -14.26
 Surface Elevation [m TAW]: 1.10

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.81	17.1	11.3	19
0.17	17.2	11.3	17
-0.49	17.2	11.4	17
-1.14	17.3	11.4	14
-1.82	17.3	11.4	18
-2.46	17.3	11.4	21
-3.17	17.3	11.4	22
-3.88	17.3	11.5	23
-4.60	17.3	11.5	23
-5.28	17.3	11.6	27
-5.97	17.3	11.6	27
-6.62	17.3	11.6	28
-7.33	17.3	11.6	27
-8.01	17.3	11.6	27
-8.70	17.3	11.6	26
-9.37	17.3	11.6	27
-10.08	17.3	11.6	29
-10.74	17.3	11.7	27
-11.48	17.4	11.9	24
-12.19	17.3	12.0	23
-12.90	17.4	12.1	22
-13.22	17.4	12.0	23
-13.27	17.4	12.0	40
Depth Avg	17.3	11.6	24



Data Processed by: 
 In association with: 
 I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

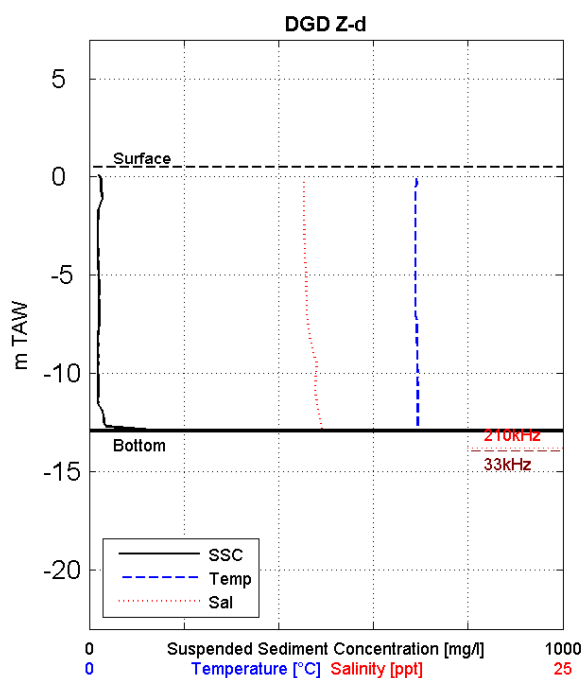
Sourcefile(s):

8111 Zd_ctd.sil

8126 Zd_ctd.sil

Location:

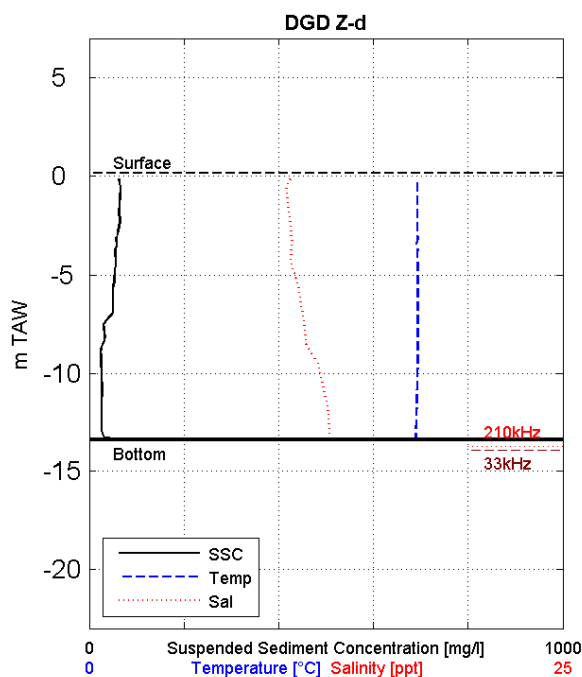
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 09:01
 Time after/before HT [MET]: 5:51
 Coordinates [UTM-ED50] Easting: 588792
 Coordinates [UTM-ED50] Northing: 5684328
 Water-Bottom Interface Siltpr. [m TAW]: -12.94
 Waterdepth 210 kHz Echo [m TAW]: -13.80
 Waterdepth 33 kHz Echo [m TAW]: -13.92
 Surface Elevation [m TAW]: 0.48

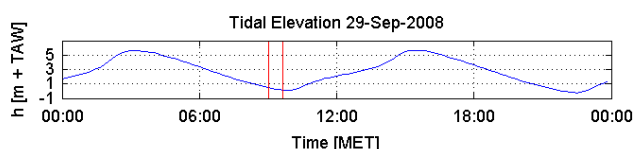
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.18	17.3	NaN	19
-0.61	17.3	11.3	25
-1.35	17.2	11.3	25
-2.04	17.3	11.3	18
-2.77	17.2	11.3	13
-3.53	17.3	11.3	18
-4.24	17.3	11.4	18
-4.91	17.2	11.4	18
-5.60	17.3	11.4	21
-6.34	17.2	11.4	20
-7.05	17.3	11.5	20
-7.73	17.3	11.6	18
-8.40	17.3	11.7	18
-9.09	17.3	11.9	19
-9.83	17.3	12.0	19
-10.54	17.3	11.9	20
-11.22	17.3	12.0	17
-11.89	17.3	12.1	27
-12.53	17.3	12.2	30
-12.83	17.3	12.3	30
-12.87	17.3	12.3	34
-12.90	17.3	12.3	100
-12.94	17.3	12.3	91
Depth Avg	17.3	11.6	21



Siltprofiler

Date & Time [MET]: 29/9/2008 09:37
 Time after/before HT [MET]: 6:27
 Coordinates [UTM-ED50] Easting: 588808
 Coordinates [UTM-ED50] Northing: 5684342
 Water-Bottom Interface Siltpr. [m TAW]: -13.44
 Waterdepth 210 kHz Echo [m TAW]: -13.76
 Waterdepth 33 kHz Echo [m TAW]: -13.93
 Surface Elevation [m TAW]: 0.18

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.14	17.3	10.6	63
-0.78	17.3	10.4	66
-1.44	17.3	10.5	63
-2.09	17.3	10.6	65
-2.80	17.3	10.6	58
-3.44	17.3	10.7	57
-4.07	17.3	10.6	55
-4.72	17.3	10.7	54
-5.30	17.3	11.0	53
-5.94	17.3	11.1	48
-6.55	17.3	11.2	49
-7.15	17.3	11.3	40
-7.78	17.3	11.4	31
-8.42	17.3	11.4	28
-9.04	17.3	11.8	24
-9.73	17.3	12.1	26
-10.41	17.3	12.3	26
-11.01	17.3	12.4	27
-11.67	17.3	12.6	26
-12.28	17.2	12.6	26
-12.89	17.3	12.7	26
-13.41	17.2	12.7	34
-13.44	17.2	12.7	28
Depth Avg	17.3	11.4	43



Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

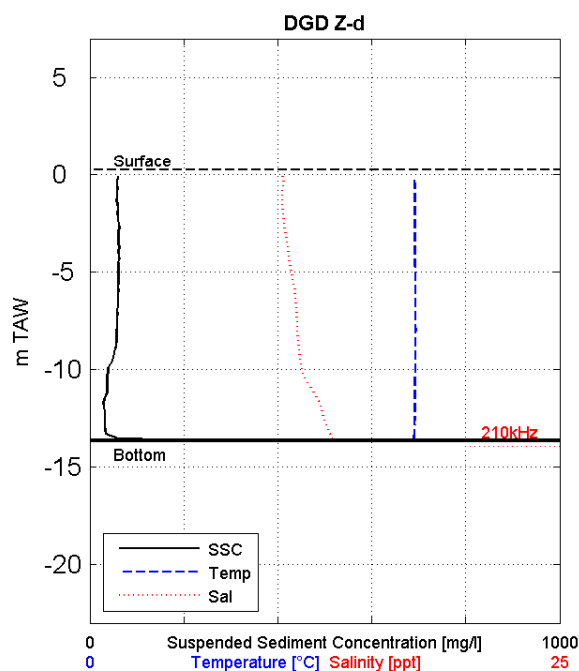
Sourcefile(s):

8141 Zd_ctd.sil

8156 Zd_ctd.sil

Location:

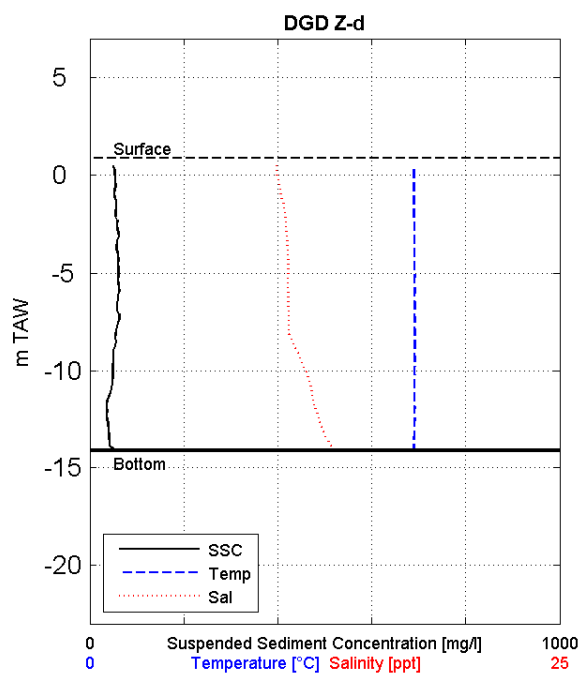
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:10
Time after/before HT [MET]: 0:20
Coordinates [UTM-ED50] Easting: 588808
Coordinates [UTM-ED50] Northing: 5684344
Water-Bottom Interface Siltpr. [m TAW]: -13.65
Waterdepth 210 kHz Echo [m TAW]: -13.93
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 0.24

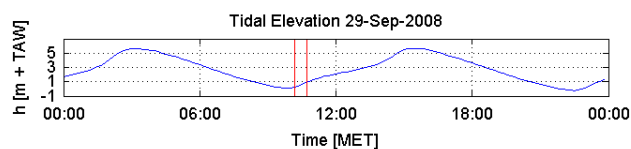
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.04	17.3	NaN	62
-0.73	17.3	10.2	58
-1.39	17.3	10.2	58
-2.00	17.3	10.3	59
-2.64	17.3	10.4	63
-3.33	17.3	10.4	60
-4.05	17.3	10.6	61
-4.79	17.3	10.7	61
-5.44	17.3	10.8	61
-6.08	17.3	10.9	60
-6.85	17.3	11.0	60
-7.58	17.3	11.0	58
-8.25	17.3	11.1	55
-8.81	17.3	11.1	57
-9.38	17.3	11.2	50
-10.11	17.3	11.3	39
-10.80	17.3	11.6	37
-11.42	17.3	12.1	32
-11.98	17.3	12.3	30
-12.50	17.3	12.4	31
-13.12	17.3	12.7	33
-13.58	17.2	12.9	33
-13.65	17.2	12.9	499
Depth Avg			
	17.3	11.1	52



Siltprofiler

Date & Time [MET]: 29/9/2008 10:41
Time after/before HT [MET]: 0:51
Coordinates [UTM-ED50] Easting: 588823
Coordinates [UTM-ED50] Northing: 5684331
Water-Bottom Interface Siltpr. [m TAW]: -14.12
Waterdepth 210 kHz Echo [m TAW]: NaN
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 0.88

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.54	17.2	9.9	48
-0.20	17.3	10.0	53
-0.94	17.2	10.2	51
-1.78	17.3	10.4	57
-2.52	17.3	10.4	56
-3.25	17.3	10.5	59
-3.97	17.2	10.5	58
-4.73	17.3	10.5	60
-5.49	17.3	10.5	60
-6.20	17.3	10.5	59
-6.89	17.3	10.6	58
-7.57	17.3	10.6	59
-8.27	17.3	10.7	52
-8.98	17.3	11.0	49
-9.74	17.2	11.4	49
-10.45	17.3	11.7	48
-11.11	17.3	11.8	44
-11.83	17.2	11.9	36
-12.56	17.3	12.2	36
-13.30	17.3	12.5	41
-13.92	17.2	12.8	43
-14.07	17.2	12.9	42
-14.12	17.2	12.9	112
Depth Avg			
	17.3	10.9	52



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

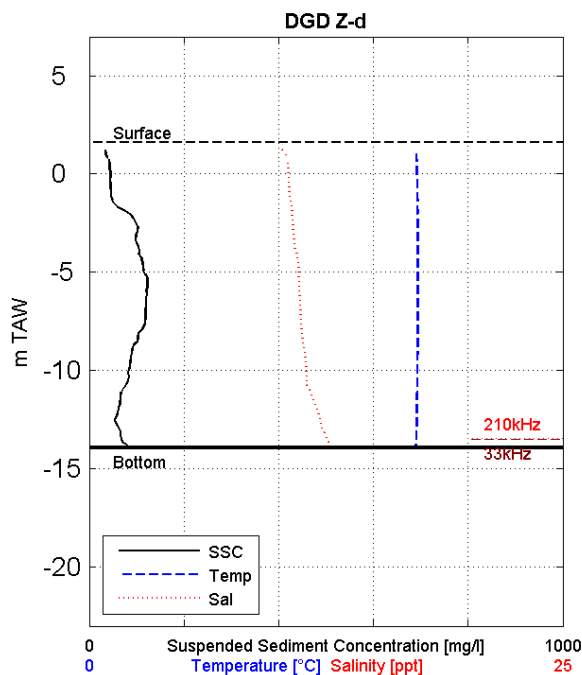
Sourcefile(s):

8171 Zd_ctd.sil

8186 Zd_ctd.sil

Location:

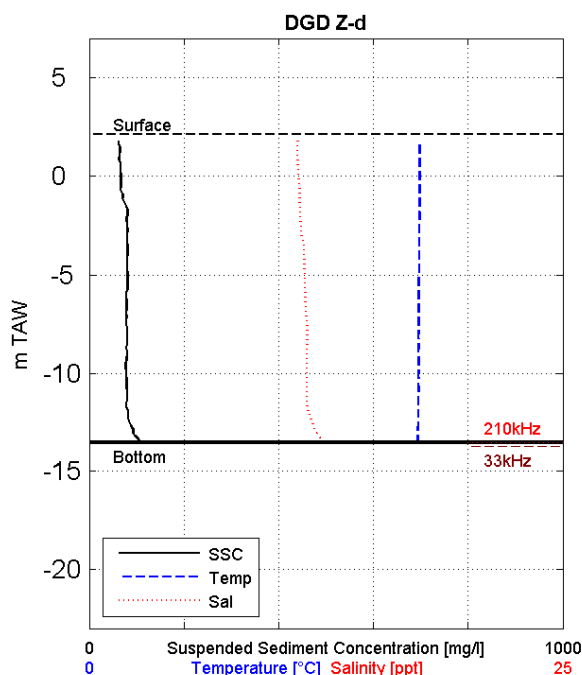
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 11:21
 Time after/before HT [MET]: 1:31
 Coordinates [UTM-ED50] Easting: 588831
 Coordinates [UTM-ED50] Northing: 5684321
 Water-Bottom Interface Siltpr. [m TAW]: -13.96
 Waterdepth 210 kHz Echo [m TAW]: -13.45
 Waterdepth 33 kHz Echo [m TAW]: -13.51
 Surface Elevation [m TAW]: 1.64

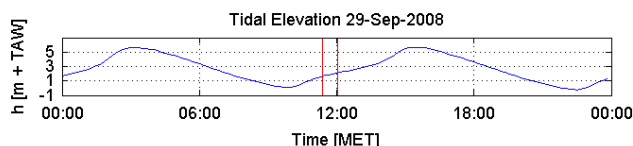
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.35	17.3	10.1	32
0.63	17.3	10.5	41
-0.05	17.3	10.5	44
-0.69	17.3	10.5	44
-1.31	17.3	10.6	49
-2.02	17.3	10.7	85
-2.76	17.3	10.7	105
-3.49	17.3	10.8	100
-4.21	17.3	11.0	108
-4.92	17.3	11.0	115
-5.66	17.3	11.0	123
-6.45	17.3	11.1	121
-7.24	17.3	11.1	119
-7.99	17.3	11.2	107
-8.78	17.3	11.3	91
-9.61	17.3	11.4	85
-10.43	17.3	11.5	86
-11.26	17.3	11.7	66
-12.13	17.3	12.1	57
-13.01	17.2	12.3	64
-13.84	17.3	12.7	73
-13.94	17.2	12.8	78
-13.96	17.2	12.8	208
Depth Avg			
17.3			
11.2			
82			



Siltprofiler

Date & Time [MET]: 29/9/2008 12:02
 Time after/before HT [MET]: 2:12
 Coordinates [UTM-ED50] Easting: 588822
 Coordinates [UTM-ED50] Northing: 5684326
 Water-Bottom Interface Siltpr. [m TAW]: -13.57
 Waterdepth 210 kHz Echo [m TAW]: -13.56
 Waterdepth 33 kHz Echo [m TAW]: -13.78
 Surface Elevation [m TAW]: 2.11

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.81	17.4	11.0	61
1.08	17.4	11.0	61
0.34	17.4	11.0	65
-0.40	17.4	11.1	66
-1.02	17.4	11.1	73
-1.67	17.4	11.1	79
-2.41	17.4	11.1	79
-3.23	17.4	11.3	77
-3.98	17.4	11.3	79
-4.68	17.4	11.4	79
-5.34	17.4	11.4	83
-6.02	17.4	11.4	76
-6.77	17.4	11.4	79
-7.55	17.4	11.5	78
-8.27	17.4	11.5	80
-8.95	17.4	11.5	81
-9.56	17.4	11.4	75
-10.25	17.4	11.4	80
-11.02	17.4	11.4	79
-11.82	17.4	11.5	81
-12.61	17.4	11.8	83
-13.27	17.3	12.2	102
-13.57	17.3	12.4	108
Depth Avg			
17.4			
11.3			
77			



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

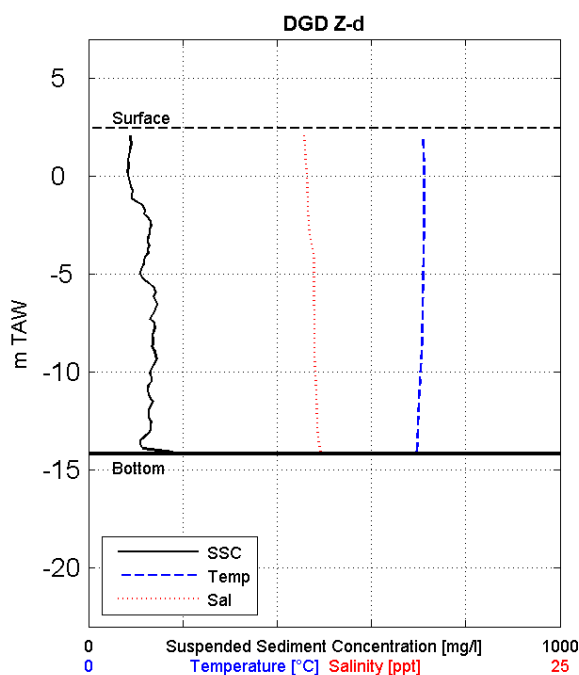
Sourcefile(s):

8201 Zd_ctd.sil

8221 Zd_ctd.sil

Location:

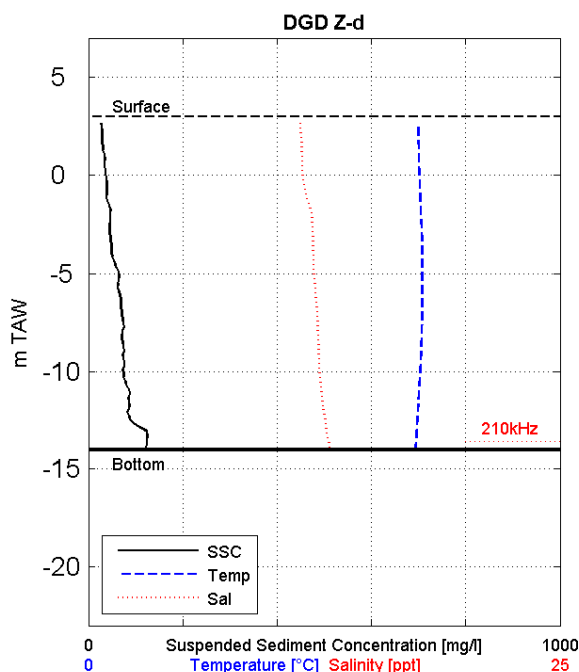
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:36
 Time after/before HT [MET]: 2:46
 Coordinates [UTM-ED50] Easting: 588827
 Coordinates [UTM-ED50] Northing: 5684333
 Water-Bottom Interface Siltpr. [m TAW]: -14.18
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.48

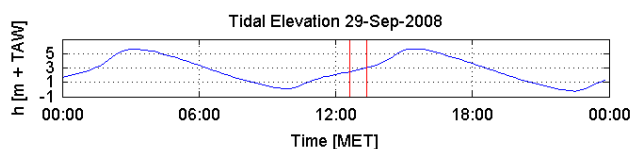
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.16	17.7	11.4	88
1.27	17.7	11.5	87
0.36	17.8	11.5	84
-0.42	17.8	11.6	89
-1.41	17.8	11.6	112
-2.19	17.8	11.7	128
-3.00	17.8	11.7	129
-3.72	17.8	11.9	126
-4.51	17.7	11.9	116
-5.37	17.7	11.9	122
-6.22	17.7	11.9	139
-7.08	17.7	11.9	135
-7.92	17.7	12.0	139
-8.70	17.7	11.9	135
-9.51	17.6	12.0	139
-10.30	17.6	12.0	132
-11.11	17.5	12.1	128
-11.90	17.5	12.1	126
-12.62	17.4	12.1	132
-13.38	17.4	12.2	112
-14.02	17.4	12.3	124
-14.11	17.4	12.3	129
-14.18	17.4	12.3	362
Depth Avg	17.7	11.9	120



Siltprofiler

Date & Time [MET]: 29/9/2008 13:21
 Time after/before HT [MET]: 3:31
 Coordinates [UTM-ED50] Easting: 588833
 Coordinates [UTM-ED50] Northing: 5684318
 Water-Bottom Interface Siltpr. [m TAW]: -14.06
 Waterdepth 210 kHz Echo [m TAW]: -13.62
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 3.02

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.73	17.5	11.2	26
1.92	17.5	11.3	29
1.16	17.5	11.3	32
0.25	17.5	11.3	36
-0.62	17.6	11.4	38
-1.45	17.6	11.7	43
-2.31	17.7	11.9	45
-3.10	17.7	11.9	45
-3.90	17.7	11.9	47
-4.77	17.7	11.9	61
-5.60	17.7	12.0	62
-6.44	17.7	12.1	69
-7.15	17.7	12.1	70
-7.91	17.6	12.2	70
-8.70	17.7	12.2	73
-9.44	17.6	12.2	74
-10.22	17.6	12.3	74
-11.03	17.5	12.3	87
-11.82	17.5	12.4	85
-12.60	17.4	12.5	90
-13.30	17.4	12.7	125
-14.01	17.3	12.8	126
-14.06	17.3	12.8	135
Depth Avg	17.6	11.9	62



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

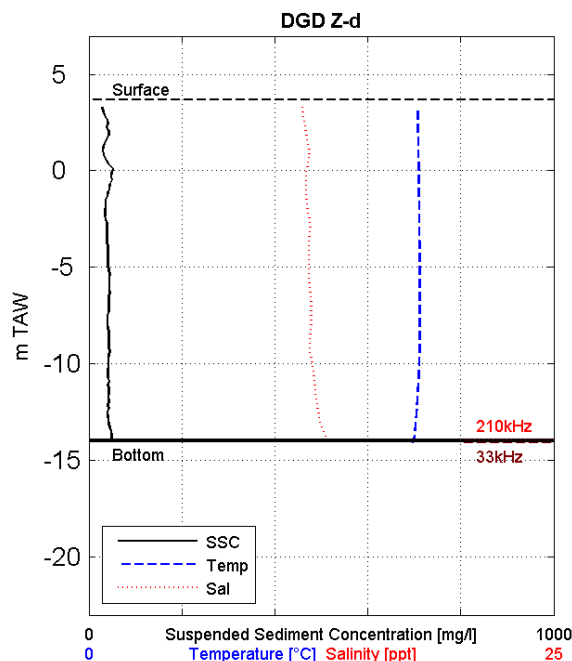
SiltProfiler & CTD-Diver

Sourcefile(s):

8236 Zd_ctd.sil
8251 Zd_ctd.sil

Location:

Deurganckdok

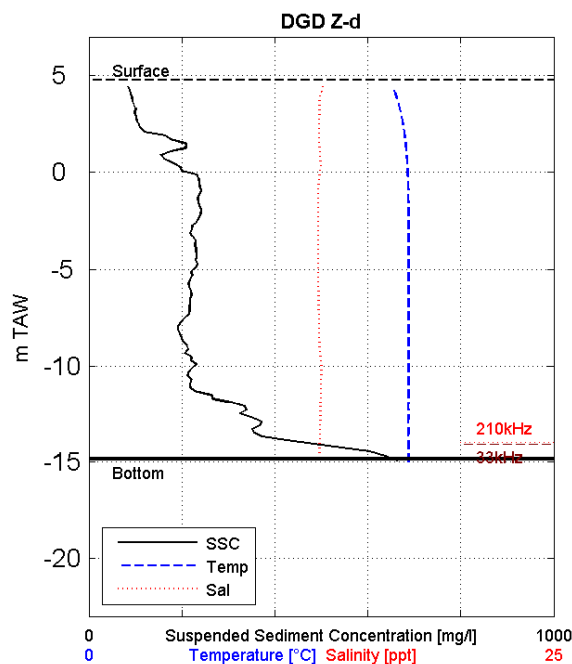


Siltprofiler

Date & Time [MET]: 29/9/2008 14:00
Time after/before HT [MET]: 4:10
Coordinates [UTM-ED50] Easting: 588833
Coordinates [UTM-ED50] Northing: 5684339
Water-Bottom Interface Siltpr. [m TAW]: -13.99
Waterdepth 210 kHz Echo [m TAW]: -13.92
Waterdepth 33 kHz Echo [m TAW]: -14.09
Surface Elevation [m TAW]: 3.72

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.38	17.7	11.4	29
2.54	17.7	11.6	41
1.76	17.7	11.7	40
0.95	17.7	11.8	31
0.13	17.7	11.7	54
-0.73	17.7	11.7	44
-1.63	17.8	11.7	35
-2.62	17.8	11.9	37
-3.52	17.7	11.8	38
-4.21	17.8	11.8	40
-5.03	17.8	11.8	41
-5.78	17.8	11.8	43
-6.57	17.8	11.9	43
-7.34	17.8	11.9	41
-8.10	17.8	11.9	40
-8.91	17.8	11.9	43
-9.77	17.8	11.9	40
-10.56	17.7	12.1	39
-11.34	17.7	12.2	41
-12.11	17.6	12.3	39
-12.92	17.6	12.4	43
-13.72	17.5	12.7	48
-13.99	17.5	12.8	47

Depth Avg 17.7 11.9 40

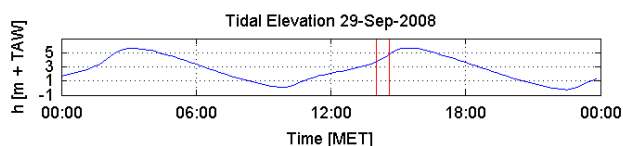


Siltprofiler

Date & Time [MET]: 29/9/2008 14:35
Time after/before HT [MET]: 4:45
Coordinates [UTM-ED50] Easting: 588820
Coordinates [UTM-ED50] Northing: 5684322
Water-Bottom Interface Siltpr. [m TAW]: -14.88
Waterdepth 210 kHz Echo [m TAW]: -13.99
Waterdepth 33 kHz Echo [m TAW]: -14.07
Surface Elevation [m TAW]: 4.77

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.46	16.3	12.6	82
3.50	16.6	12.4	97
2.54	16.9	12.4	105
1.56	17.0	12.4	201
0.59	17.1	12.4	171
-0.31	17.2	12.4	238
-1.24	17.1	12.3	238
-2.23	17.2	12.3	240
-3.12	17.2	12.3	217
-4.03	17.2	12.3	230
-4.96	17.2	12.3	226
-5.89	17.2	12.3	214
-6.87	17.2	12.4	215
-7.76	17.2	12.4	196
-8.69	17.2	12.4	201
-9.56	17.2	12.4	227
-10.46	17.2	12.5	207
-11.30	17.2	12.5	257
-12.19	17.2	12.5	348
-13.04	17.2	12.4	378
-13.93	17.1	12.4	438
-14.81	17.1	12.3	657
-14.88	17.1	12.3	676

Depth Avg 17.1 12.4 231



Data Processed by: 
In association with: 
I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

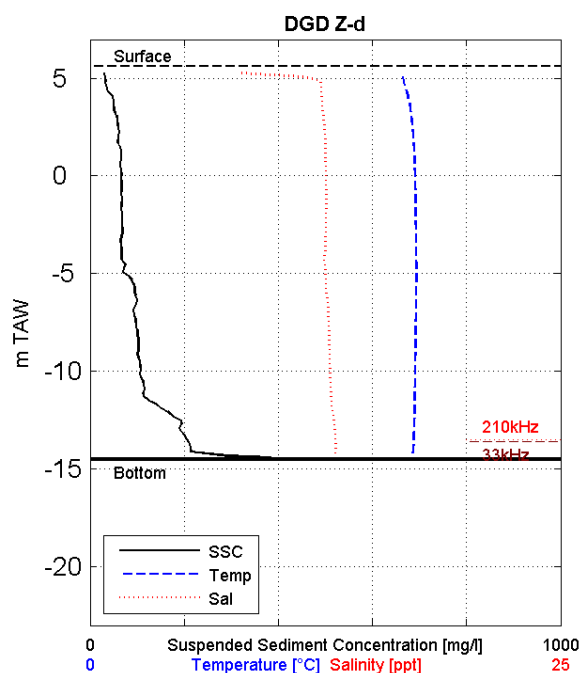
Sourcefile(s):

8266 Zd_ctd.sil

8281 Zd_ctd.sil

Location:

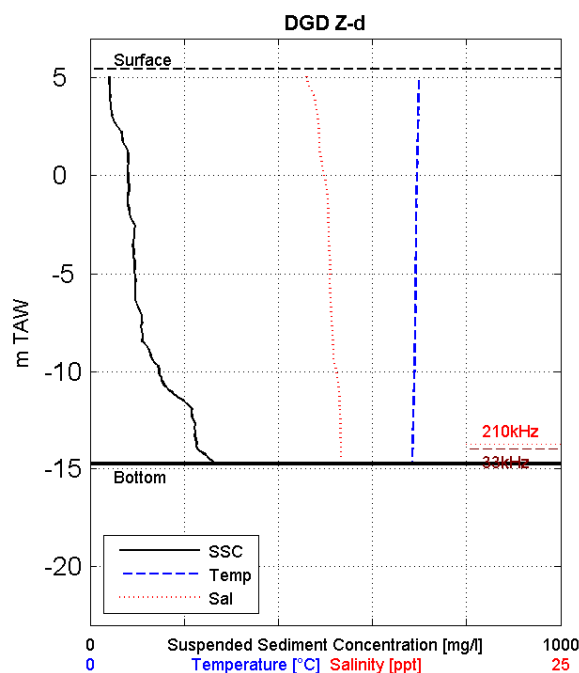
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 15:26
 Time after/before HT [MET]: 5:36
 Coordinates [UTM-ED50] Easting: 588833
 Coordinates [UTM-ED50] Northing: 5684350
 Water-Bottom Interface Siltpr. [m TAW]: -14.51
 Waterdepth 210 kHz Echo [m TAW]: -13.52
 Waterdepth 33 kHz Echo [m TAW]: -13.60
 Surface Elevation [m TAW]: 5.65

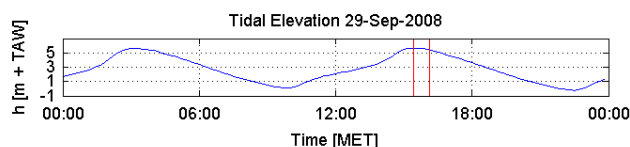
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.33	16.5	7.2	29
4.17	16.9	12.3	46
2.97	17.1	12.4	56
1.76	17.2	12.5	58
0.53	17.2	12.5	62
-0.63	17.3	12.5	67
-1.80	17.3	12.5	66
-2.86	17.3	12.5	67
-4.06	17.3	12.5	67
-5.25	17.3	12.5	86
-6.33	17.3	12.6	100
-7.46	17.3	12.7	98
-8.59	17.3	12.7	103
-9.64	17.3	12.7	106
-10.70	17.2	12.8	114
-11.88	17.2	12.8	150
-12.99	17.2	13.0	191
-14.09	17.2	13.0	212
-14.43	17.1	NaN	177
-14.43	17.1	NaN	287
-14.44	17.1	NaN	267
-14.46	17.1	NaN	352
-14.51	17.1	NaN	271
Depth Avg	17.2	12.5	93



Siltprofiler

Date & Time [MET]: 29/9/2008 16:06
 Time after/before HT [MET]: 6:16
 Coordinates [UTM-ED50] Easting: 588810
 Coordinates [UTM-ED50] Northing: 5684344
 Water-Bottom Interface Siltpr. [m TAW]: -14.75
 Waterdepth 210 kHz Echo [m TAW]: -13.78
 Waterdepth 33 kHz Echo [m TAW]: -13.99
 Surface Elevation [m TAW]: 5.42

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.12	17.4	11.5	41
4.19	17.5	11.8	41
3.31	17.4	12.0	45
2.28	17.4	12.1	66
1.27	17.4	12.2	79
0.28	17.3	12.4	79
-0.63	17.3	12.6	81
-1.60	17.3	12.6	82
-2.59	17.3	12.7	97
-3.60	17.3	12.7	93
-4.56	17.3	12.7	95
-5.56	17.3	12.7	97
-6.54	17.3	12.8	100
-7.58	17.3	12.8	109
-8.61	17.2	12.9	115
-9.60	17.2	13.0	141
-10.55	17.2	13.2	154
-11.51	17.2	13.2	197
-12.49	17.1	13.3	218
-13.50	17.1	13.3	226
-14.49	17.1	13.3	252
-14.68	17.1	NaN	268
-14.75	17.1	NaN	295
Depth Avg	17.3	12.7	113



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

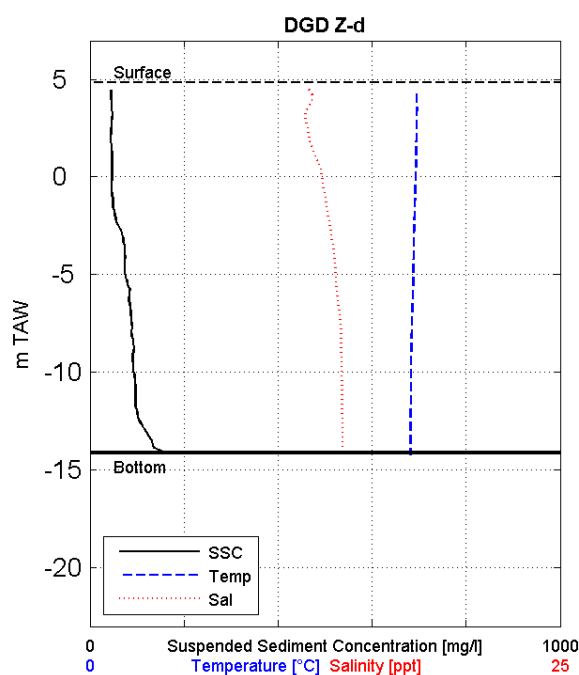
Sourcefile(s):

8296 Zd_ctd.sil

8311 Zd_ctd.sil

Location:

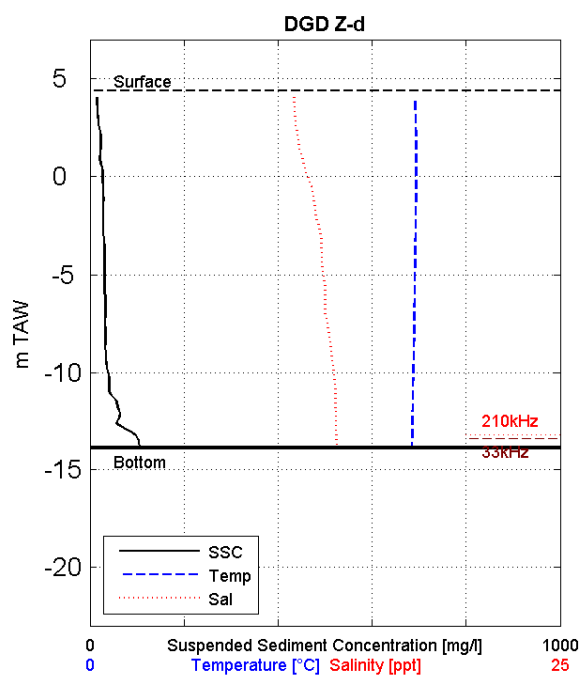
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:44
 Time after/before HT [MET]: 6:54
 Coordinates [UTM-ED50] Easting: 588813
 Coordinates [UTM-ED50] Northing: 5684323
 Water-Bottom Interface Siltpr. [m TAW]: -14.15
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 4.87

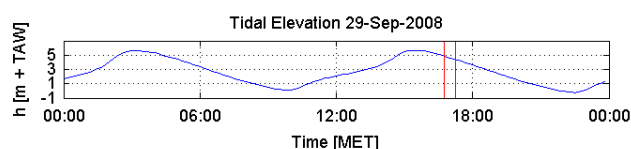
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.58	17.3	NaN	45
3.57	17.4	11.6	45
2.63	17.3	11.5	45
1.75	17.3	11.7	45
0.92	17.3	12.1	48
-0.02	17.3	12.3	46
-0.95	17.3	12.5	47
-1.94	17.3	12.6	54
-2.79	17.2	12.8	67
-3.59	17.2	12.9	72
-4.37	17.2	13.0	74
-5.21	17.2	13.1	79
-6.16	17.2	13.2	83
-7.03	17.1	13.3	87
-7.93	17.1	13.3	88
-8.77	17.1	13.4	93
-9.58	17.1	13.4	91
-10.42	17.1	13.4	94
-11.30	17.1	13.4	98
-12.11	17.0	13.4	99
-13.00	17.0	13.4	116
-13.83	17.0	13.4	134
-14.15	17.0	13.4	86
Depth Avg	17.2	12.8	74



Siltprofiler

Date & Time [MET]: 29/9/2008 17:14
 Time after/before HT [MET]: 7:24
 Coordinates [UTM-ED50] Easting: 588808
 Coordinates [UTM-ED50] Northing: 5684339
 Water-Bottom Interface Siltpr. [m TAW]: -13.92
 Waterdepth 210 kHz Echo [m TAW]: -13.21
 Waterdepth 33 kHz Echo [m TAW]: -13.41
 Surface Elevation [m TAW]: 4.38

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.09	17.3	10.8	14
3.28	17.3	10.9	16
2.52	17.3	10.9	21
1.76	17.3	11.1	22
0.85	17.4	11.3	21
-0.04	17.3	11.6	27
-0.90	17.3	11.9	27
-1.76	17.3	12.0	27
-2.70	17.3	12.2	26
-3.58	17.3	12.3	31
-4.52	17.3	12.3	30
-5.40	17.3	12.5	31
-6.23	17.3	12.5	33
-7.12	17.2	12.5	32
-8.05	17.2	12.7	34
-8.92	17.2	12.8	34
-9.85	17.2	12.9	38
-10.69	17.1	13.0	41
-11.54	17.1	13.1	57
-12.38	17.1	13.1	61
-13.24	17.1	13.1	97
-13.92	17.1	13.1	103
-13.92	17.1	13.1	209
Depth Avg	17.2	12.2	35



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

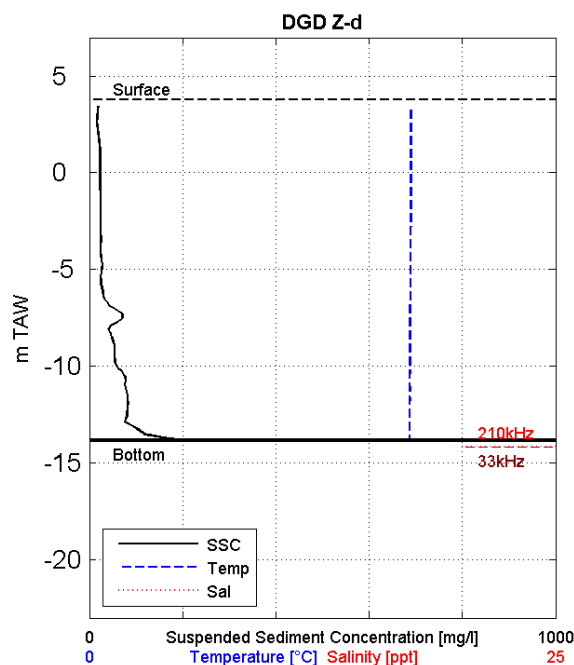
SiltProfiler & CTD-Diver

Sourcefile(s):

8326 Zd_ctd.sil

Location:

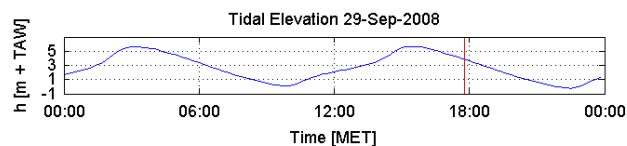
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:47
 Time after/before HT [MET]: 7:57
 Coordinates [UTM-ED50] Easting: 588814
 Coordinates [UTM-ED50] Northing: 5684339
 Water-Bottom Interface Siltpr. [m TAW]: -13.84
 Waterdepth 210 kHz Echo [m TAW]: -14.13
 Waterdepth 33 kHz Echo [m TAW]: -14.19
 Surface Elevation [m TAW]: 3.83

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.51	17.2	NaN	18
2.68	17.2	NaN	18
1.87	17.2	NaN	19
0.98	17.2	NaN	23
0.00	17.2	NaN	22
-0.93	17.2	NaN	23
-1.80	17.2	NaN	23
-2.76	17.2	NaN	24
-3.66	17.2	NaN	22
-4.45	17.2	NaN	26
-5.19	17.2	NaN	24
-6.05	17.2	NaN	28
-6.89	17.2	NaN	40
-7.69	17.2	NaN	67
-8.51	17.2	NaN	49
-9.29	17.1	NaN	54
-10.05	17.1	NaN	59
-10.84	17.2	NaN	75
-11.58	17.2	NaN	82
-12.29	17.2	NaN	82
-13.05	17.1	NaN	80
-13.77	17.1	NaN	89
-13.84	17.2	NaN	330
Depth Avg	17.2	NaN	43



Data Processed by: 
 In association with: 
 I/RA/11283/08.090/MSA

F.15 Location Ze

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

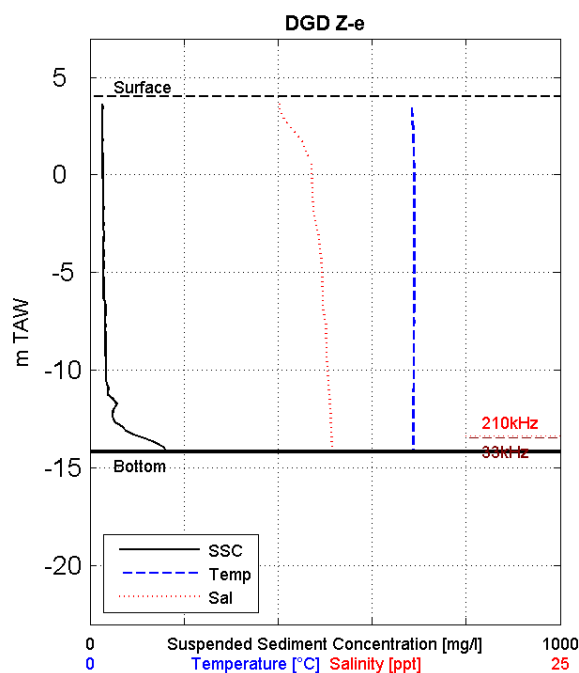
Sourcefile(s):

8014 Ze_ctd.sil

8029 Ze_ctd.sil

Location:

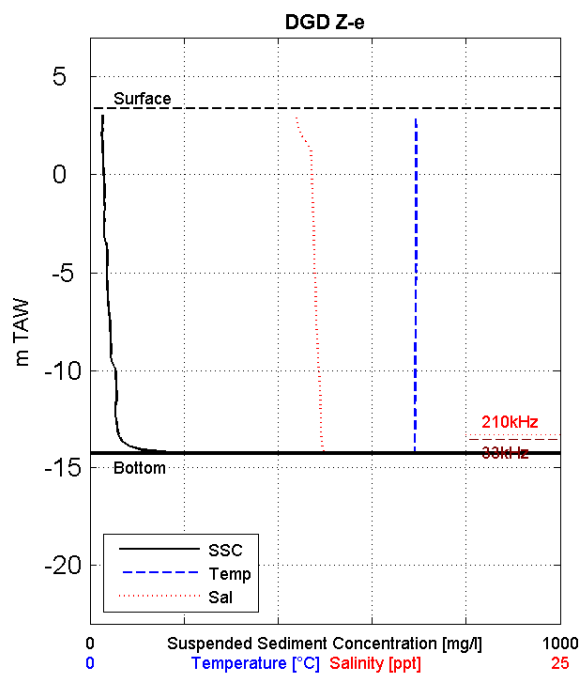
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 05:20
 Time after/before HT [MET]: 2:10
 Coordinates [UTM-ED50] Easting: 588857
 Coordinates [UTM-ED50] Northing: 5684429
 Water-Bottom Interface Siltpr. [m TAW]: -14.20
 Waterdepth 210 kHz Echo [m TAW]: -13.37
 Waterdepth 33 kHz Echo [m TAW]: -13.46
 Surface Elevation [m TAW]: 4.04

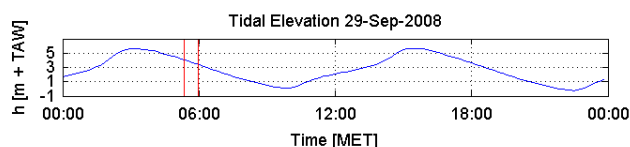
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.72	17.1	10.1	26
2.76	17.1	10.4	26
1.88	17.2	11.2	26
0.97	17.2	11.6	26
0.05	17.2	11.8	27
-0.93	17.3	11.8	27
-1.86	17.3	11.9	28
-2.80	17.2	12.1	28
-3.65	17.2	12.2	28
-4.52	17.2	12.3	30
-5.42	17.2	12.3	28
-6.26	17.2	12.3	28
-7.07	17.2	12.4	33
-7.89	17.2	12.5	31
-8.75	17.2	12.6	32
-9.58	17.2	12.6	33
-10.34	17.1	12.6	35
-11.15	17.2	12.7	37
-11.89	17.1	12.8	51
-12.68	17.2	12.8	49
-13.44	17.2	12.8	110
-14.15	17.2	12.9	163
-14.20	17.2	12.9	164
Depth Avg	17.2	12.1	38



Siltprofiler

Date & Time [MET]: 29/9/2008 05:58
 Time after/before HT [MET]: 2:48
 Coordinates [UTM-ED50] Easting: 588867
 Coordinates [UTM-ED50] Northing: 5684427
 Water-Bottom Interface Siltpr. [m TAW]: -14.30
 Waterdepth 210 kHz Echo [m TAW]: -13.35
 Waterdepth 33 kHz Echo [m TAW]: -13.56
 Surface Elevation [m TAW]: 3.38

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.10	17.3	NaN	26
2.31	17.3	11.1	27
1.55	17.3	11.6	26
0.83	17.3	11.8	26
0.03	17.3	11.8	30
-0.73	17.3	11.8	31
-1.64	17.3	11.8	32
-2.48	17.3	11.9	30
-3.37	17.3	11.9	32
-4.22	17.3	11.9	38
-5.04	17.3	11.9	35
-5.92	17.3	12.0	39
-6.76	17.3	12.0	39
-7.64	17.3	12.0	44
-8.55	17.3	12.1	43
-9.46	17.3	12.1	45
-10.35	17.3	12.2	54
-11.23	17.3	12.2	57
-12.11	17.3	12.2	53
-12.95	17.3	12.3	58
-13.79	17.3	12.3	75
-14.25	17.3	12.5	107
-14.30	17.3	12.5	448
Depth Avg	17.3	11.9	41



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

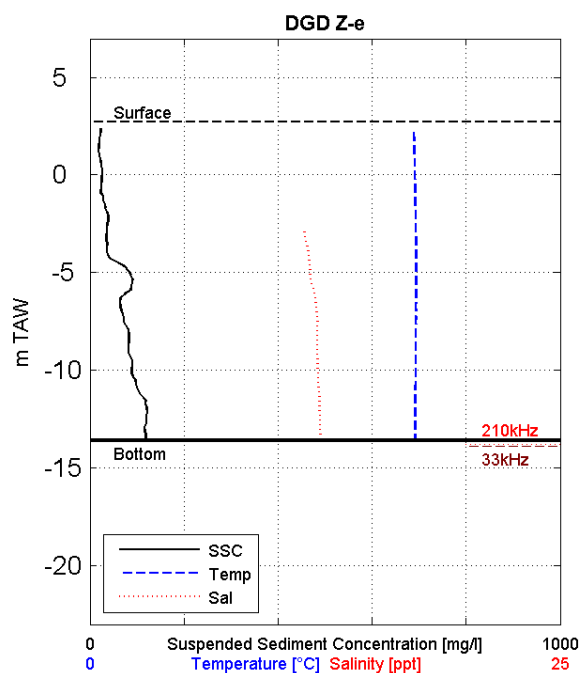
Sourcefile(s):

8045 Ze_ctd.sil

8060 Ze_ctd.sil

Location:

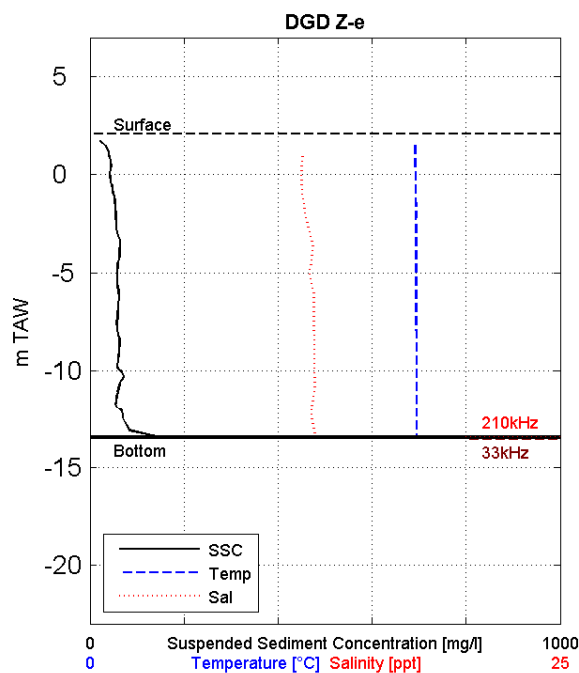
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 06:33
 Time after/before HT [MET]: 3:23
 Coordinates [UTM-ED50] Easting: 588892
 Coordinates [UTM-ED50] Northing: 5684414
 Water-Bottom Interface Siltpr. [m TAW]: -13.58
 Waterdepth 210 kHz Echo [m TAW]: -13.80
 Waterdepth 33 kHz Echo [m TAW]: -13.88
 Surface Elevation [m TAW]: 2.73

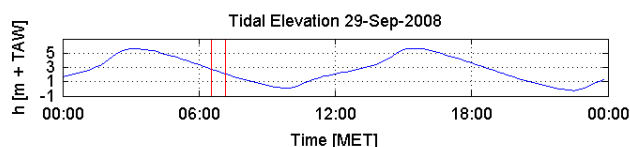
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.43	17.2	NaN	23
1.66	17.2	NaN	20
0.80	17.3	NaN	21
-0.06	17.3	NaN	24
-1.00	17.3	NaN	25
-1.75	17.3	NaN	33
-2.56	17.3	NaN	35
-3.33	17.3	11.5	34
-4.12	17.3	11.6	38
-4.90	17.3	11.7	80
-5.68	17.3	11.8	88
-6.45	17.3	12.0	64
-7.19	17.3	12.1	70
-7.93	17.3	12.1	82
-8.64	17.3	12.0	82
-9.33	17.3	12.1	88
-10.08	17.3	12.1	88
-10.80	17.3	12.1	99
-11.48	17.3	12.2	118
-12.17	17.3	12.2	120
-12.87	17.3	12.2	116
-13.48	17.3	12.2	119
-13.58	17.3	12.2	121
Depth Avg	17.3	11.8	63



Siltprofiler

Date & Time [MET]: 29/9/2008 07:10
 Time after/before HT [MET]: 4:00
 Coordinates [UTM-ED50] Easting: 588837
 Coordinates [UTM-ED50] Northing: 5684419
 Water-Bottom Interface Siltpr. [m TAW]: -13.46
 Waterdepth 210 kHz Echo [m TAW]: -13.43
 Waterdepth 33 kHz Echo [m TAW]: -13.56
 Surface Elevation [m TAW]: 2.06

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.76	17.3	NaN	20
0.92	17.3	11.3	42
0.09	17.3	11.2	40
-0.75	17.3	11.3	45
-1.54	17.3	11.4	52
-2.54	17.3	11.6	56
-3.43	17.3	11.8	63
-4.26	17.3	11.8	62
-5.05	17.3	11.7	57
-5.86	17.3	11.8	60
-6.65	17.3	11.9	58
-7.53	17.3	11.9	56
-8.39	17.4	11.9	64
-9.15	17.3	11.9	59
-10.01	17.4	11.9	63
-10.80	17.3	11.9	60
-11.61	17.3	11.8	55
-12.33	17.4	11.8	69
-13.12	17.4	11.9	83
-13.38	17.3	12.0	42
-13.39	17.4	12.0	397
-13.43	17.3	12.0	116
-13.46	17.4	12.0	110
Depth Avg	17.3	11.7	57



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

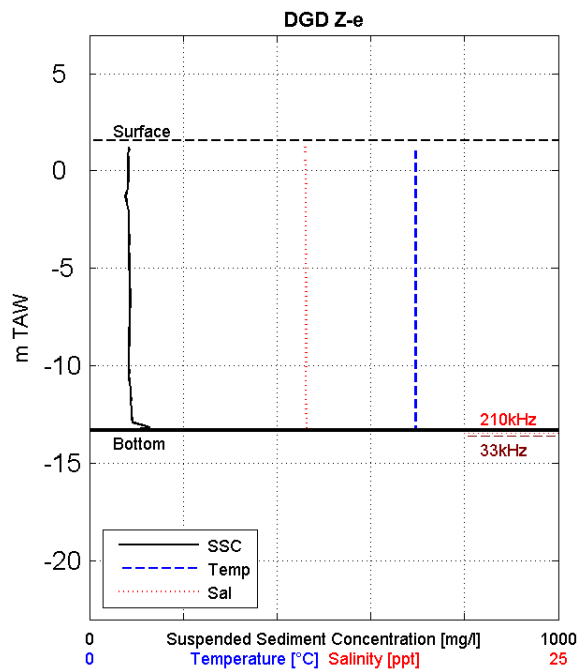
Sourcefile(s):

8075 Ze_ctd.sil

8090 Ze_ctd.sil

Location:

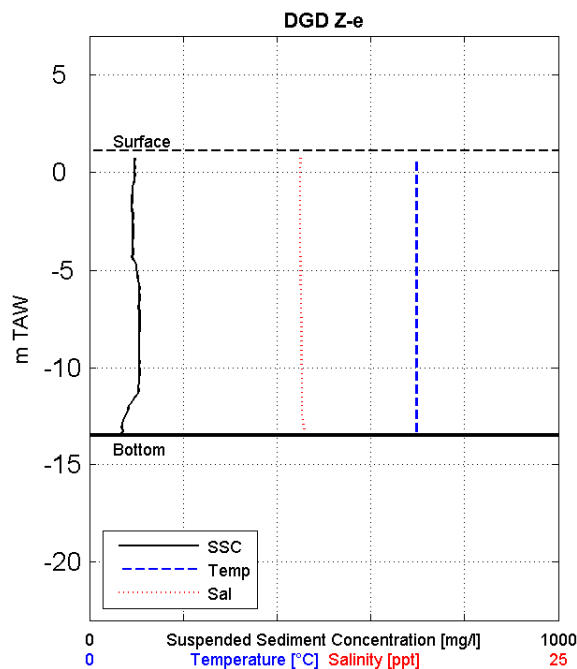
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 07:39
 Time after/before HT [MET]: 4:29
 Coordinates [UTM-ED50] Easting: 588838
 Coordinates [UTM-ED50] Northing: 5684430
 Water-Bottom Interface Siltpr. [m TAW]: -13.29
 Waterdepth 210 kHz Echo [m TAW]: -13.43
 Waterdepth 33 kHz Echo [m TAW]: -13.61
 Surface Elevation [m TAW]: 1.58

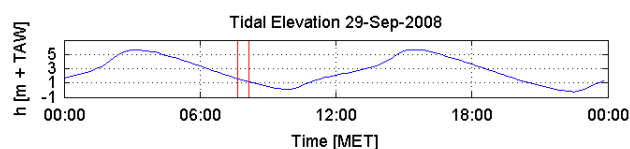
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.28	17.4	11.5	82
0.57	17.4	11.5	82
-0.21	17.4	11.5	84
-0.97	17.4	11.5	81
-1.79	17.4	11.5	82
-2.67	17.4	11.5	82
-3.38	17.4	11.5	85
-4.12	17.4	11.5	82
-4.86	17.4	11.5	85
-5.64	17.4	11.5	83
-6.36	17.4	11.5	85
-7.10	17.4	11.5	84
-7.86	17.4	11.5	86
-8.64	17.4	11.5	85
-9.48	17.4	11.6	83
-10.27	17.4	11.5	79
-11.05	17.4	11.5	88
-11.83	17.4	11.5	87
-12.60	17.4	11.6	89
-13.19	17.4	11.6	40
-13.22	17.4	11.6	178
-13.24	17.4	11.6	56
-13.29	17.4	11.6	54
Depth Avg	17.4	11.5	85



Siltprofiler

Date & Time [MET]: 29/9/2008 08:10
 Time after/before HT [MET]: 5:00
 Coordinates [UTM-ED50] Easting: 588831
 Coordinates [UTM-ED50] Northing: 5684413
 Water-Bottom Interface Siltpr. [m TAW]: -13.54
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 1.11

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.80	17.4	11.2	95
0.09	17.5	11.2	96
-0.60	17.4	11.2	92
-1.26	17.4	11.2	90
-1.92	17.4	11.2	91
-2.58	17.4	11.2	92
-3.27	17.4	11.2	94
-3.98	17.4	11.2	95
-4.65	17.4	11.2	98
-5.32	17.5	11.2	103
-6.03	17.4	11.3	107
-6.69	17.4	11.3	104
-7.45	17.4	11.3	107
-8.14	17.5	11.3	106
-8.87	17.4	11.3	106
-9.49	17.5	11.3	106
-10.20	17.5	11.3	107
-10.92	17.4	11.3	104
-11.56	17.4	11.3	94
-12.25	17.4	11.3	82
-12.95	17.4	11.4	69
-13.47	17.4	11.5	60
-13.54	17.4	11.5	59
Depth Avg	17.5	11.3	96



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

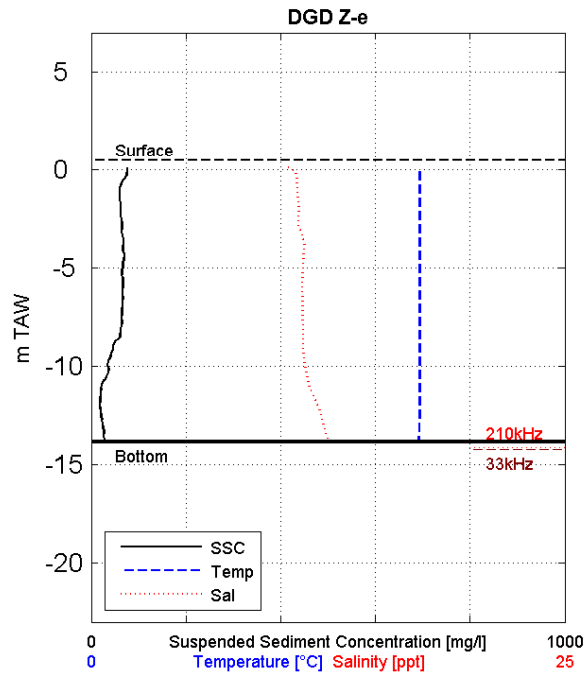
Sourcefile(s):

8110 Ze_ctd.sil

8125 Ze_ctd.sil

Location:

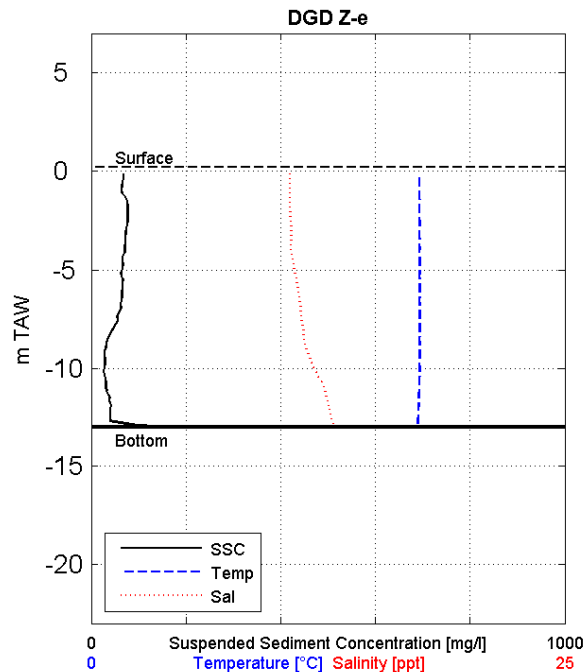
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 09:00
 Time after/before HT [MET]: 5:50
 Coordinates [UTM-ED50] Easting: 588859
 Coordinates [UTM-ED50] Northing: 5684420
 Water-Bottom Interface Siltpr. [m TAW]: -13.85
 Waterdepth 210 kHz Echo [m TAW]: -14.12
 Waterdepth 33 kHz Echo [m TAW]: -14.23
 Surface Elevation [m TAW]: 0.50

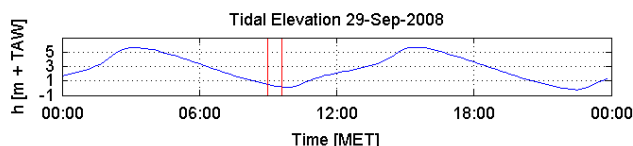
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.18	17.3	10.2	75
-0.41	17.3	10.8	70
-1.05	17.3	10.9	59
-1.66	17.3	10.9	63
-2.37	17.3	10.9	63
-3.04	17.3	11.0	62
-3.71	17.3	11.2	65
-4.46	17.3	11.2	68
-5.23	17.3	11.1	64
-5.92	17.3	11.1	65
-6.68	17.3	11.1	66
-7.41	17.3	11.2	65
-8.01	17.3	11.2	63
-8.72	17.3	11.2	51
-9.36	17.3	11.2	41
-10.09	17.3	11.3	37
-10.78	17.3	11.4	26
-11.49	17.3	11.7	19
-12.25	17.3	12.1	19
-13.00	17.3	12.3	24
-13.70	17.3	12.5	26
-13.78	17.3	12.5	28
-13.85	17.3	12.5	26
Depth Avg	17.3	11.3	52



Siltprofiler

Date & Time [MET]: 29/9/2008 09:35
 Time after/before HT [MET]: 6:25
 Coordinates [UTM-ED50] Easting: 588844
 Coordinates [UTM-ED50] Northing: 5684419
 Water-Bottom Interface Siltpr. [m TAW]: -13.03
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 0.19

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.10	17.3	10.5	67
-0.82	17.3	10.5	65
-1.53	17.3	10.4	76
-2.26	17.3	10.5	77
-3.02	17.3	10.5	73
-3.74	17.3	10.5	70
-4.40	17.3	10.6	64
-5.07	17.3	10.7	62
-5.71	17.3	10.9	65
-6.30	17.3	11.0	64
-6.99	17.3	11.0	62
-7.60	17.3	11.1	54
-8.24	17.3	11.2	38
-8.97	17.3	11.4	31
-9.64	17.3	11.6	28
-10.32	17.3	11.9	30
-11.01	17.3	12.3	31
-11.70	17.3	12.5	40
-12.36	17.2	12.6	40
-12.93	17.2	12.8	41
-12.98	17.3	12.8	40
-13.01	17.2	12.8	41
-13.03	17.2	12.8	179
Depth Avg	17.3	11.2	55



Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

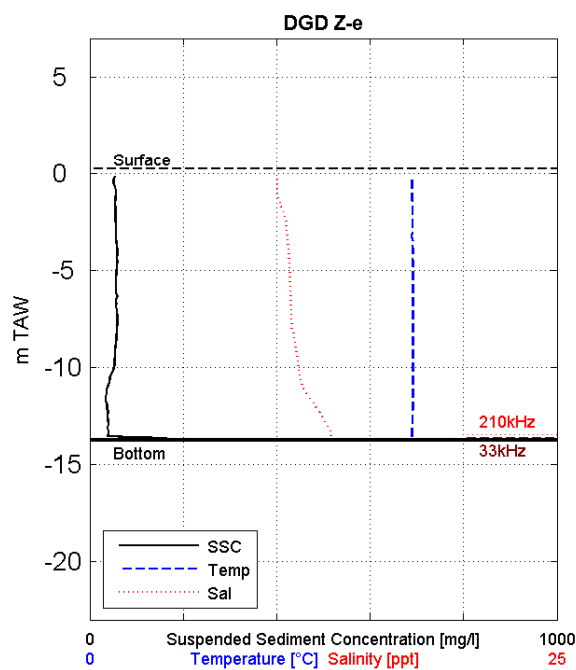
Sourcefile(s):

8140 Ze_ctd.sil

8155 Ze_ctd.sil

Location:

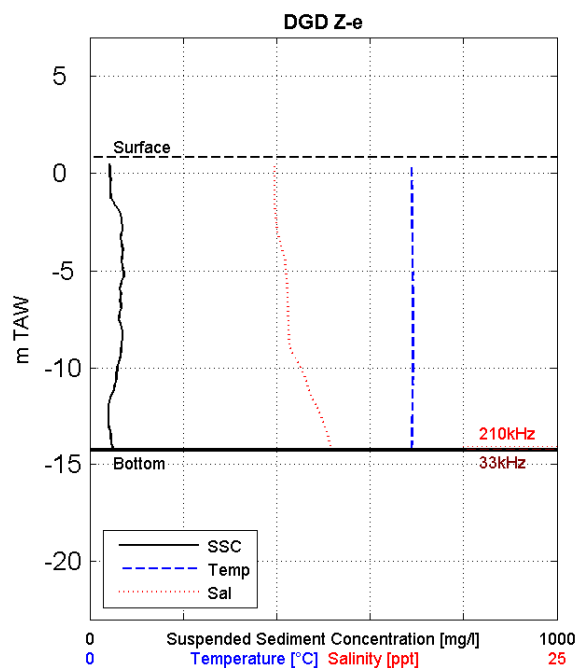
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 10:09
 Time after/before HT [MET]: 0:19
 Coordinates [UTM-ED50] Easting: 588842
 Coordinates [UTM-ED50] Northing: 5684413
 Water-Bottom Interface Siltpr. [m TAW]: -13.73
 Waterdepth 210 kHz Echo [m TAW]: -13.46
 Waterdepth 33 kHz Echo [m TAW]: -13.58
 Surface Elevation [m TAW]: 0.23

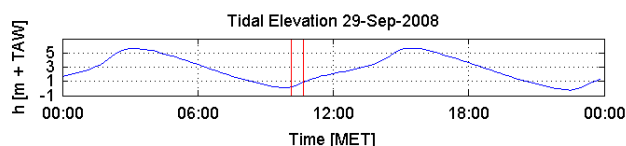
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
-0.06	17.2	NaN	53
-0.70	17.2	10.0	54
-1.35	17.2	10.1	54
-2.01	17.3	10.4	55
-2.79	17.3	10.5	55
-3.53	17.3	10.6	56
-4.32	17.3	10.7	58
-5.05	17.3	10.7	58
-5.70	17.3	10.7	55
-6.33	17.3	10.7	58
-7.00	17.3	10.8	58
-7.73	17.3	10.8	58
-8.40	17.3	10.9	56
-9.04	17.3	11.0	54
-9.70	17.3	11.1	51
-10.38	17.3	11.2	44
-11.08	17.3	11.4	35
-11.79	17.3	11.9	36
-12.47	17.3	12.4	37
-13.11	17.3	12.8	38
-13.61	17.3	12.9	221
-13.68	17.2	12.9	43
-13.73	17.2	12.9	160
Depth Avg	17.3	11.0	52



Siltprofiler

Date & Time [MET]: 29/9/2008 10:40
 Time after/before HT [MET]: 0:50
 Coordinates [UTM-ED50] Easting: 588860
 Coordinates [UTM-ED50] Northing: 5684414
 Water-Bottom Interface Siltpr. [m TAW]: -14.28
 Waterdepth 210 kHz Echo [m TAW]: -14.12
 Waterdepth 33 kHz Echo [m TAW]: -14.23
 Surface Elevation [m TAW]: 0.84

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
0.56	17.2	NaN	40
-0.28	17.2	9.9	46
-1.14	17.2	9.9	45
-1.84	17.2	9.9	63
-2.68	17.2	10.0	69
-3.40	17.3	10.1	66
-4.20	17.3	10.4	68
-4.87	17.3	10.5	69
-5.58	17.3	10.5	68
-6.24	17.3	10.6	65
-6.96	17.3	10.6	66
-7.70	17.3	10.6	65
-8.48	17.3	10.6	70
-9.31	17.3	10.9	66
-10.00	17.3	11.3	59
-10.69	17.3	11.6	56
-11.41	17.2	11.8	45
-12.14	17.2	12.2	39
-12.91	17.2	12.5	39
-13.55	17.3	12.8	45
-14.16	17.2	12.9	48
-14.25	17.2	12.9	49
-14.28	17.2	12.9	48
Depth Avg	17.3	10.8	57



Data Processed by:



In association with:



wt | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

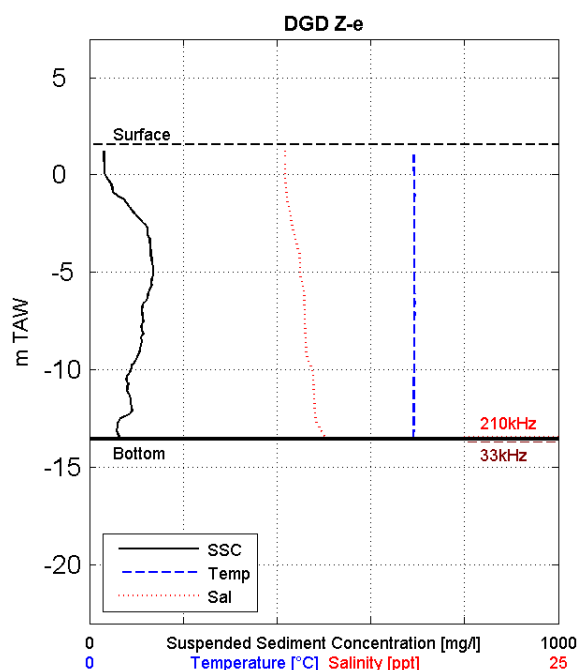
Sourcefile(s):

8170 Ze_ctd.sil

8185 Ze_ctd.sil

Location:

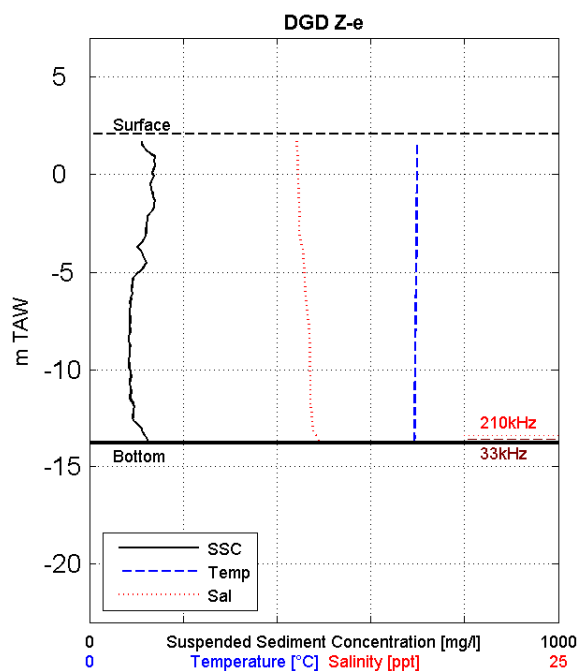
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 11:19
Time after/before HT [MET]: 1:29
Coordinates [UTM-ED50] Easting: 588848
Coordinates [UTM-ED50] Northing: 5684390
Water-Bottom Interface Siltpr. [m TAW]: -13.57
Waterdepth 210 kHz Echo [m TAW]: -13.42
Waterdepth 33 kHz Echo [m TAW]: -13.68
Surface Elevation [m TAW]: 1.60

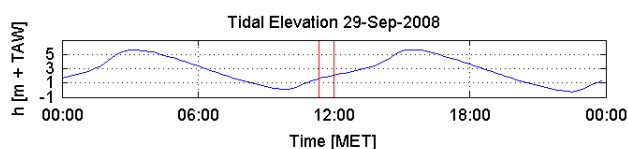
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.32	17.3	10.4	31
0.66	17.3	10.4	32
0.04	17.3	10.4	32
-0.60	17.3	10.5	48
-1.23	17.3	10.5	69
-1.90	17.3	10.7	94
-2.59	17.3	10.8	121
-3.35	17.3	11.0	130
-4.08	17.3	11.2	129
-4.80	17.3	11.2	136
-5.48	17.4	11.3	132
-6.10	17.3	11.4	121
-6.83	17.3	11.4	110
-7.57	17.3	11.5	115
-8.31	17.3	11.5	108
-9.14	17.3	11.5	106
-9.91	17.3	11.8	90
-10.81	17.3	11.9	82
-11.68	17.3	12.0	88
-12.47	17.3	12.0	66
-13.32	17.3	12.5	60
-13.57	17.2	12.6	72
-13.57	17.2	12.6	72
Depth Avg	17.3	11.3	92



Siltprofiler

Date & Time [MET]: 29/9/2008 11:59
Time after/before HT [MET]: 2:09
Coordinates [UTM-ED50] Easting: 588859
Coordinates [UTM-ED50] Northing: 5684382
Water-Bottom Interface Siltpr. [m TAW]: -13.79
Waterdepth 210 kHz Echo [m TAW]: -13.43
Waterdepth 33 kHz Echo [m TAW]: -13.62
Surface Elevation [m TAW]: 2.08

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
1.77	17.4	11.1	112
1.10	17.4	11.1	128
0.44	17.4	11.1	140
-0.30	17.4	11.1	130
-0.99	17.4	11.1	134
-1.63	17.4	11.2	136
-2.41	17.4	11.2	121
-3.18	17.4	11.2	118
-4.03	17.4	11.4	112
-4.80	17.4	11.4	111
-5.54	17.4	11.5	92
-6.25	17.4	11.5	90
-7.01	17.4	11.6	86
-7.85	17.4	11.7	86
-8.70	17.3	11.7	88
-9.49	17.3	11.7	83
-10.26	17.4	11.7	88
-11.06	17.4	11.8	91
-12.00	17.3	11.8	94
-12.91	17.3	11.9	105
-13.70	17.3	12.2	121
-13.74	17.3	12.3	214
-13.79	17.3	12.3	172
Depth Avg	17.4	11.5	106



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

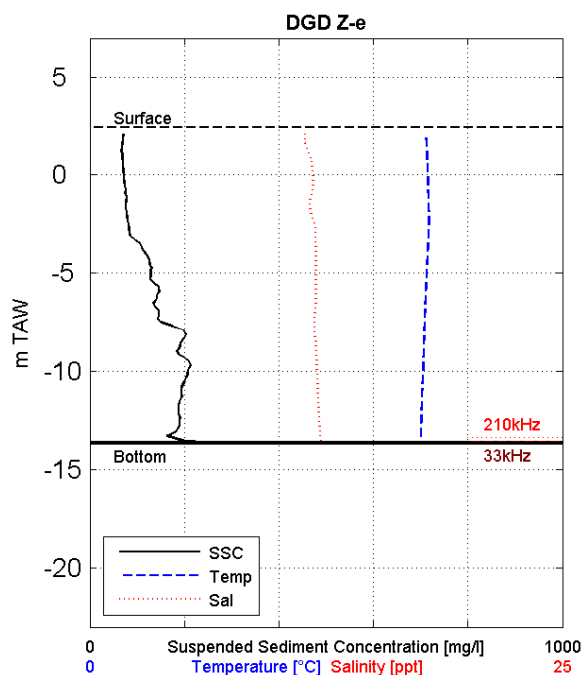
Sourcefile(s):

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8220 Ze_ctd.sil

Location:

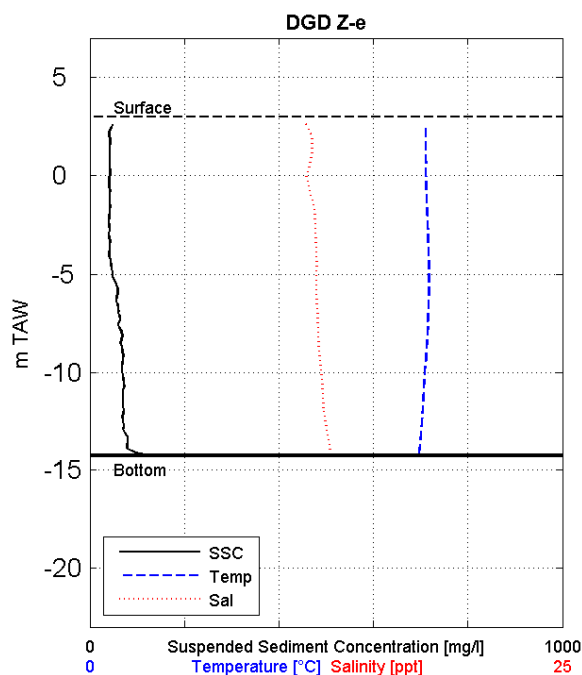
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 12:34
 Time after/before HT [MET]: 2:44
 Coordinates [UTM-ED50] Easting: 588883
 Coordinates [UTM-ED50] Northing: 5684410
 Water-Bottom Interface Siltpr. [m TAW]: -13.64
 Waterdepth 210 kHz Echo [m TAW]: -13.38
 Waterdepth 33 kHz Echo [m TAW]: -13.56
 Surface Elevation [m TAW]: 2.46

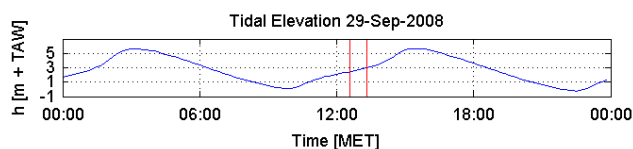
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.17	17.8	11.4	73
1.38	17.8	11.5	66
0.59	17.9	11.7	66
-0.20	17.9	11.8	73
-1.06	17.9	11.7	77
-1.91	17.9	11.7	77
-2.77	17.9	11.9	83
-3.64	17.9	11.9	110
-4.49	17.9	11.9	124
-5.36	17.8	11.9	129
-6.16	17.7	11.9	142
-6.95	17.7	11.9	149
-7.66	17.7	11.8	175
-8.45	17.7	11.9	194
-9.21	17.6	12.0	193
-10.02	17.6	12.0	204
-10.84	17.6	12.0	193
-11.65	17.5	12.1	186
-12.55	17.5	12.1	190
-13.32	17.5	12.2	158
-13.56	17.4	12.2	165
-13.59	17.4	12.2	154
-13.64	17.4	12.2	333
Depth Avg			
17.7			
11.9			
134			



Siltprofiler

Date & Time [MET]: 29/9/2008 13:19
 Time after/before HT [MET]: 3:29
 Coordinates [UTM-ED50] Easting: 588881
 Coordinates [UTM-ED50] Northing: 5684393
 Water-Bottom Interface Siltpr. [m TAW]: -14.31
 Waterdepth 210 kHz Echo [m TAW]: NaN
 Waterdepth 33 kHz Echo [m TAW]: NaN
 Surface Elevation [m TAW]: 2.99

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
2.64	17.7	11.4	47
1.71	17.8	11.8	41
0.55	17.8	11.6	41
-0.33	17.8	11.5	41
-1.36	17.8	11.8	42
-2.34	17.9	11.9	36
-3.32	17.9	11.9	43
-4.21	17.9	12.0	43
-5.09	17.9	12.0	47
-5.90	17.9	11.9	56
-6.77	17.9	12.0	59
-7.60	17.9	12.1	58
-8.37	17.8	12.1	67
-9.10	17.8	12.1	71
-9.87	17.7	12.2	67
-10.70	17.7	12.3	72
-11.56	17.6	12.3	69
-12.42	17.6	12.4	68
-13.18	17.5	12.6	76
-14.01	17.4	12.7	78
-14.22	17.4	12.7	62
-14.26	17.3	12.8	179
-14.31	17.3	12.8	84
Depth Avg			
17.8			
12.0			
56			



Data Processed by: 
 In association with: 
 I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

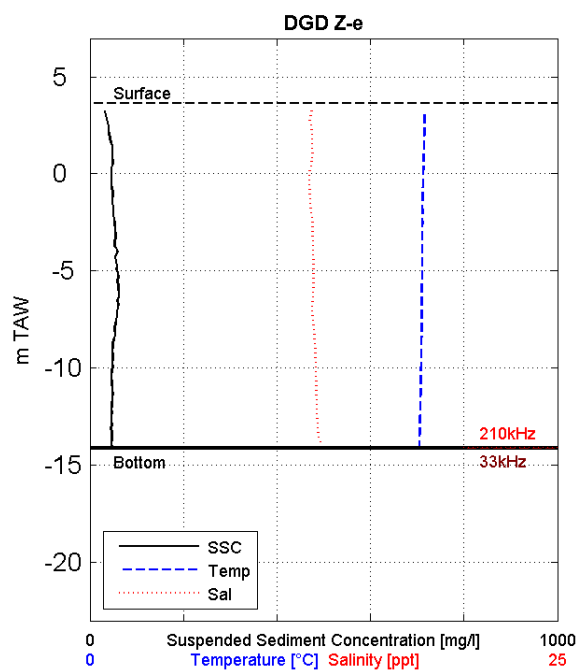
Sourcefile(s):

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8250 Ze_ctd.sil

Location:

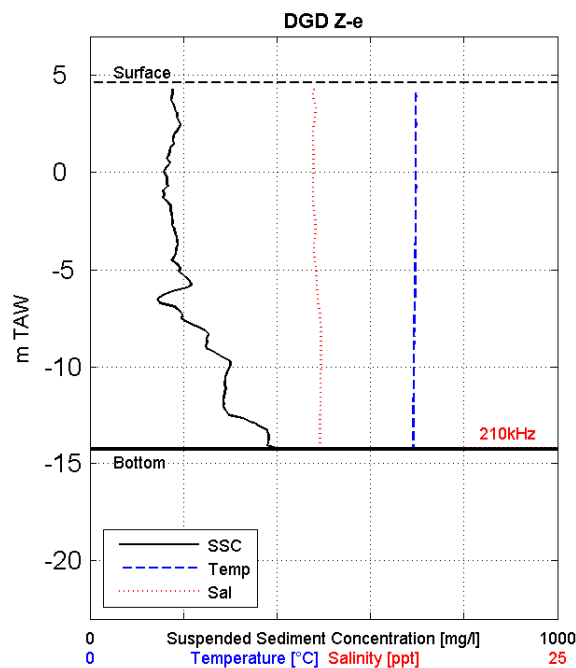
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 13:58
Time after/before HT [MET]: 4:08
Coordinates [UTM-ED50] Easting: 588877
Coordinates [UTM-ED50] Northing: 5684399
Water-Bottom Interface Siltpr. [m TAW]: -14.14
Waterdepth 210 kHz Echo [m TAW]: -14.06
Waterdepth 33 kHz Echo [m TAW]: -14.12
Surface Elevation [m TAW]: 3.68

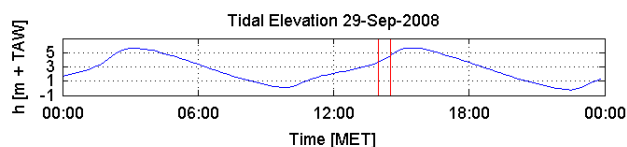
Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.38	17.9	11.9	31
2.67	17.9	11.8	37
1.83	17.9	11.9	43
1.00	17.9	11.9	47
0.06	17.8	11.7	45
-0.92	17.8	11.7	49
-1.66	17.8	11.8	50
-2.47	17.8	11.9	51
-3.20	17.8	11.9	55
-4.01	17.8	11.9	58
-4.82	17.8	11.9	56
-5.61	17.7	11.9	58
-6.40	17.7	11.9	62
-7.36	17.7	11.9	57
-8.27	17.7	12.0	54
-9.17	17.7	12.0	47
-10.08	17.7	12.1	46
-11.16	17.7	12.1	47
-12.12	17.6	12.1	45
-13.14	17.6	12.2	44
-14.02	17.6	12.4	49
-14.09	17.5	12.4	51
-14.14	17.5	12.5	51
Depth Avg	17.7	11.9	49



Siltprofiler

Date & Time [MET]: 29/9/2008 14:31
Time after/before HT [MET]: 4:41
Coordinates [UTM-ED50] Easting: 588857
Coordinates [UTM-ED50] Northing: 5684418
Water-Bottom Interface Siltpr. [m TAW]: -14.28
Waterdepth 210 kHz Echo [m TAW]: -14.19
Waterdepth 33 kHz Echo [m TAW]: NaN
Surface Elevation [m TAW]: 4.63

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.35	17.4	12.0	169
3.44	17.4	12.0	182
2.48	17.4	11.9	195
1.46	17.4	11.9	180
0.64	17.4	11.9	160
-0.20	17.4	11.9	164
-1.08	17.4	11.9	158
-1.92	17.4	12.0	173
-2.84	17.4	12.1	179
-3.75	17.4	12.0	187
-4.64	17.4	12.0	177
-5.52	17.4	12.1	212
-6.41	17.4	12.2	145
-7.37	17.4	12.3	195
-8.26	17.3	12.3	252
-9.12	17.3	12.4	252
-9.93	17.3	12.3	299
-10.79	17.3	12.3	288
-11.62	17.3	12.3	285
-12.48	17.3	12.3	295
-13.22	17.3	12.3	371
-14.06	17.3	12.3	371
-14.28	17.3	NaN	404
Depth Avg	17.4	12.1	220



Data Processed by:



In association with:



wt | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

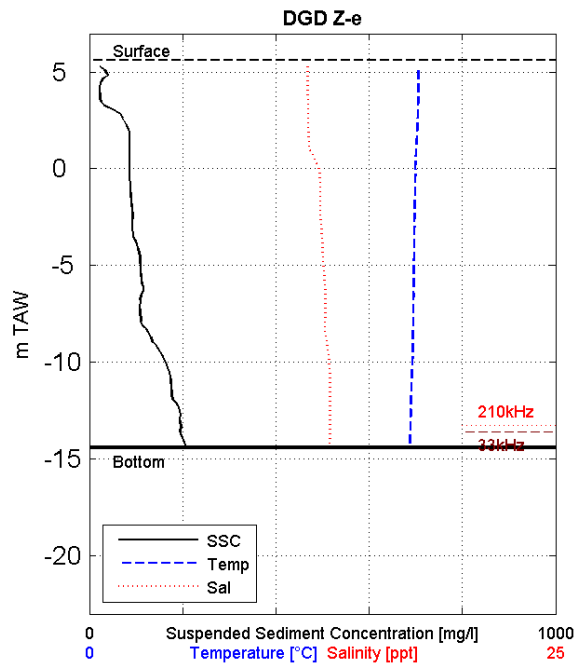
Sourcefile(s):

8265 Ze_ctd.sil

8280 Ze_ctd.sil

Location:

Deurganckdok

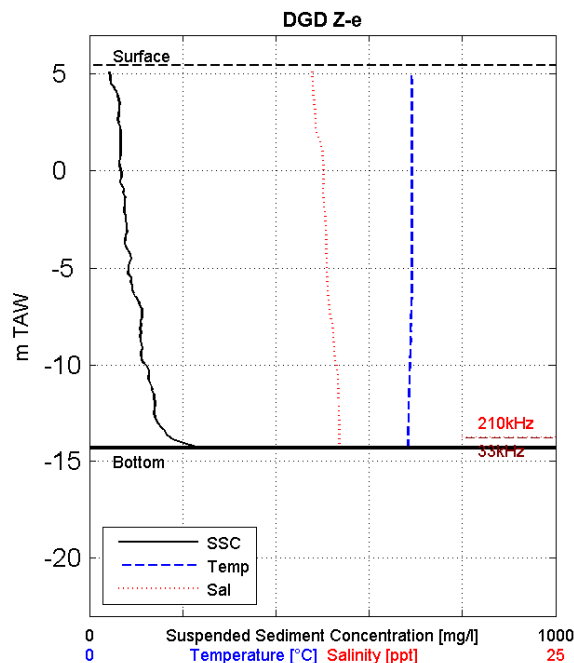


Siltprofiler

Date & Time [MET]: 29/9/2008 15:15
 Time after/before HT [MET]: 5:25
 Coordinates [UTM-ED50] Easting: 588855
 Coordinates [UTM-ED50] Northing: 5684416
 Water-Bottom Interface Siltpr. [m TAW]: -14.42
 Waterdepth 210 kHz Echo [m TAW]: -13.26
 Waterdepth 33 kHz Echo [m TAW]: -13.59
 Surface Elevation [m TAW]: 5.61

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.33	17.6	11.7	24
4.40	17.6	11.7	22
3.46	17.6	11.7	24
2.49	17.6	11.7	76
1.60	17.5	11.8	85
0.71	17.5	12.0	84
-0.22	17.5	12.4	85
-1.16	17.5	12.4	87
-2.04	17.4	12.4	91
-3.00	17.4	12.4	92
-3.98	17.4	12.5	103
-4.97	17.4	12.5	110
-5.97	17.4	12.6	113
-7.00	17.4	12.7	109
-7.96	17.4	12.6	110
-8.89	17.3	12.7	134
-9.80	17.3	12.8	161
-10.71	17.3	12.9	173
-11.57	17.3	12.9	177
-12.48	17.2	12.9	193
-13.39	17.2	12.9	195
-14.28	17.2	NaN	204
-14.42	17.2	NaN	208

Depth Avg 17.4 12.4 111

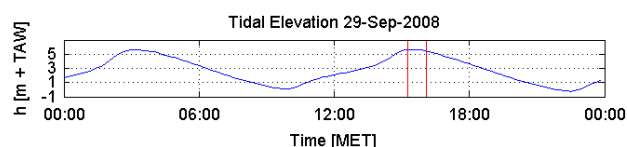


Siltprofiler

Date & Time [MET]: 29/9/2008 16:04
 Time after/before HT [MET]: 6:14
 Coordinates [UTM-ED50] Easting: 588874
 Coordinates [UTM-ED50] Northing: 5684419
 Water-Bottom Interface Siltpr. [m TAW]: -14.34
 Waterdepth 210 kHz Echo [m TAW]: -13.74
 Waterdepth 33 kHz Echo [m TAW]: -13.79
 Surface Elevation [m TAW]: 5.44

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
5.14	17.2	11.9	42
4.26	17.3	12.0	53
3.30	17.3	12.1	64
2.32	17.3	12.1	65
1.36	17.3	12.4	66
0.33	17.3	12.5	64
-0.65	17.3	12.5	67
-1.61	17.3	12.6	75
-2.70	17.3	12.7	79
-3.70	17.3	12.7	76
-4.71	17.3	12.7	86
-5.79	17.3	12.7	89
-6.80	17.2	12.8	106
-7.91	17.3	13.0	110
-8.96	17.2	13.1	110
-10.07	17.2	13.2	123
-11.10	17.1	13.3	132
-12.16	17.1	13.4	140
-13.22	17.1	13.4	150
-14.20	17.1	NaN	226
-14.27	17.1	NaN	227
-14.30	17.1	NaN	231
-14.34	17.1	NaN	233

Depth Avg 17.2 12.7 94



Data Processed by: 
 In association with: 
 I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

SiltProfiler & CTD-Diver

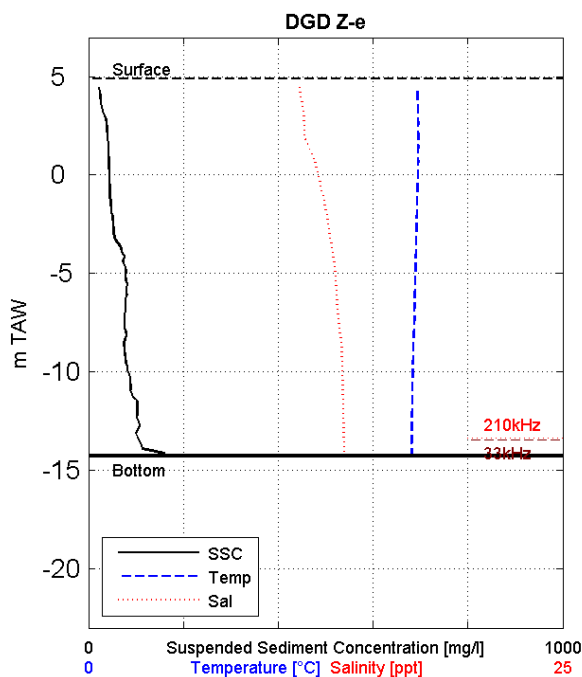
Sourcefile(s):

8295 Ze_ctd.sil

8310 Ze_ctd.sil

Location:

Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 16:42

Time after/before HT [MET]: 6:52

Coordinates [UTM-ED50] Easting: 588869

Coordinates [UTM-ED50] Northing: 5684399

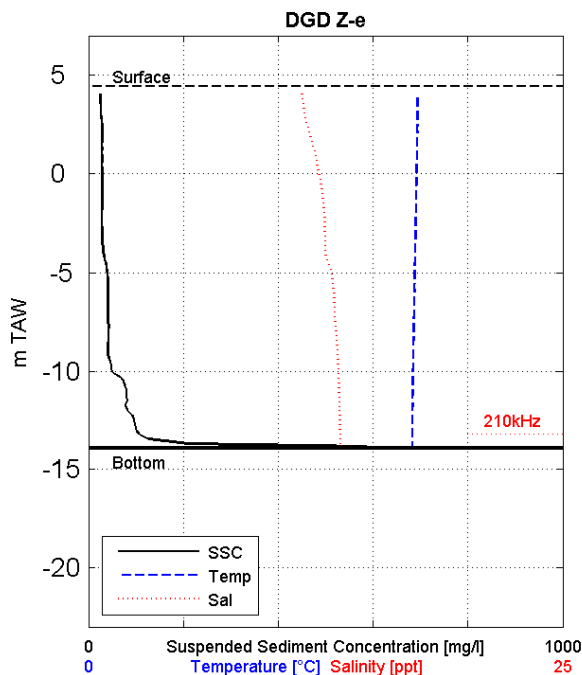
Water-Bottom Interface Siltpr. [m TAW]: -14.28

Waterdepth 210 kHz Echo [m TAW]: -13.37

Waterdepth 33 kHz Echo [m TAW]: -13.45

Surface Elevation [m TAW]: 4.90

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.60	17.3	11.1	21
3.79	17.4	11.2	25
2.81	17.4	11.3	37
1.80	17.4	11.5	40
0.77	17.4	11.9	43
-0.41	17.3	12.2	44
-1.42	17.3	12.4	45
-2.31	17.3	12.6	51
-3.39	17.3	12.8	59
-4.40	17.2	12.9	72
-5.43	17.2	13.0	80
-6.53	17.2	13.1	77
-7.59	17.1	13.2	76
-8.57	17.1	13.3	73
-9.45	17.1	13.4	79
-10.37	17.1	13.4	88
-11.28	17.0	13.4	93
-12.14	17.1	13.4	104
-13.12	17.0	13.4	99
-14.03	17.1	13.5	119
-14.22	17.0	NaN	295
-14.25	17.0	NaN	117
-14.28	17.0	NaN	211
Depth Avg	17.2	12.6	66



Siltprofiler

Date & Time [MET]: 29/9/2008 17:12

Time after/before HT [MET]: 7:22

Coordinates [UTM-ED50] Easting: 588877

Coordinates [UTM-ED50] Northing: 5684416

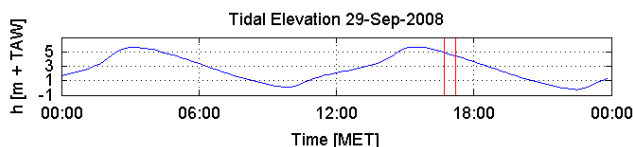
Water-Bottom Interface Siltpr. [m TAW]: -13.95

Waterdepth 210 kHz Echo [m TAW]: -13.24

Waterdepth 33 kHz Echo [m TAW]: NaN

Surface Elevation [m TAW]: 4.41

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
4.09	17.3	11.2	23
2.94	17.3	11.4	26
1.81	17.3	11.7	28
0.53	17.3	12.0	26
-0.75	17.3	12.3	28
-1.42	17.3	12.4	28
-1.59	17.2	12.4	28
-2.20	17.2	12.4	28
-3.09	17.3	12.4	29
-4.14	17.2	12.5	33
-5.30	17.2	12.8	41
-6.46	17.1	13.0	42
-7.63	17.1	13.0	43
-8.77	17.1	13.1	41
-9.92	17.1	13.2	47
-11.10	17.1	13.2	79
-12.16	17.1	13.2	88
-13.23	17.1	13.3	106
-13.85	17.0	13.3	733
-13.87	17.0	13.3	345
-13.88	17.0	13.3	2570
-13.93	17.1	13.3	204
-13.95	17.1	13.3	1004
Depth Avg	17.2	12.6	48



Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

11283

Equipment(s):

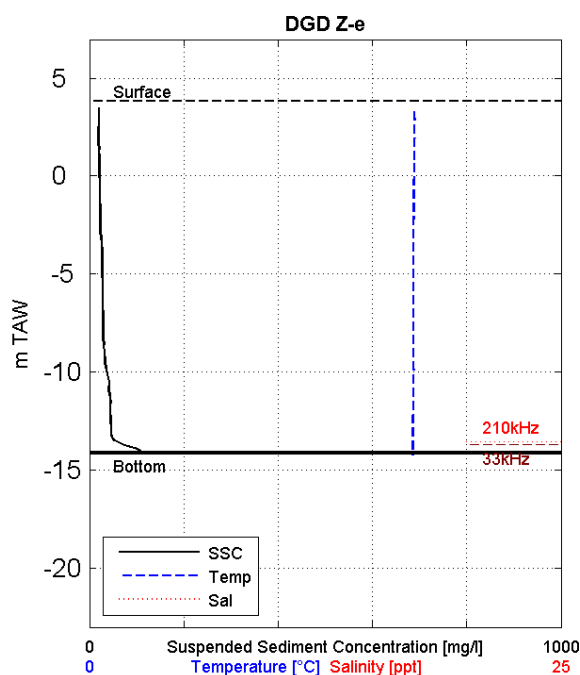
SiltProfiler & CTD-Diver

Sourcefile(s):

8325 Ze_ctd.sil

Location:

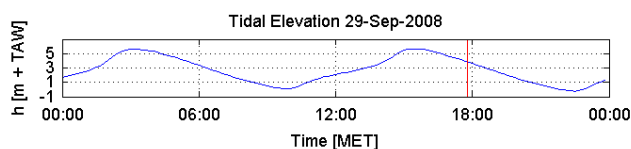
Deurganckdok



Siltprofiler

Date & Time [MET]: 29/9/2008 17:46
 Time after/before HT [MET]: 7:56
 Coordinates [UTM-ED50] Easting: 588864
 Coordinates [UTM-ED50] Northing: 5684419
 Water-Bottom Interface Siltpr. [m TAW]: -14.12
 Waterdepth 210 kHz Echo [m TAW]: -13.53
 Waterdepth 33 kHz Echo [m TAW]: -13.70
 Surface Elevation [m TAW]: 3.85

Z [mTAW]	Temp [°C]	Sal [ppt]	SS [mg/l]
3.53	17.2	NaN	19
2.55	17.2	NaN	18
1.64	17.2	NaN	19
0.73	17.2	NaN	22
-0.10	17.2	NaN	22
-1.01	17.2	NaN	22
-1.82	17.2	NaN	22
-2.59	17.2	NaN	23
-3.42	17.1	NaN	23
-4.31	17.1	NaN	27
-5.21	17.1	NaN	27
-6.03	17.1	NaN	27
-6.86	17.1	NaN	28
-7.68	17.1	NaN	28
-8.53	17.1	NaN	30
-9.29	17.1	NaN	32
-10.06	17.1	NaN	37
-10.84	17.2	NaN	40
-11.53	17.1	NaN	44
-12.27	17.1	NaN	44
-13.08	17.1	NaN	44
-13.91	17.1	NaN	97
-14.12	17.1	NaN	124
Depth Avg	17.2	NaN	30



Data Processed by:



In association with:



I/RA/11283/08.090/MSA

APPENDIX G.

DEPTH AVERAGE FIGURES AND TABLES

G.1 Tables

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8008Xa	1:55	5:05	17.2	12.4	54	17.4	11.7	33	17.1	13	74
8023Xa	2:32	5:42	17.3	12.1	47	17.3	11.7	30	17.2	12.6	65
8038Xa	3:06	6:16	17.1	12	50	17	11.4	29	17.2	12.6	72
8054Xa	3:46	6:56	17.3	12	60	17.3	11.7	33	17.3	12.4	87
8069Xa	4:18	7:28	17.3	11.7	60	17.2	11.5	42	17.3	11.9	77
8084Xa	4:47	7:57	17.3	11.9	40	17.3	11.7	33	17.3	12.2	48
8099Xa	5:17	8:27	17.3	11.6	30	17.2	11.1	26	17.3	12.1	34
8119Xa	6:09	9:19	17.3	12	44	17.3	11.5	53	17.3	12.4	34
8134Xa	-05:32	9:57	17.3	11.2	46	17.3	10.9	51	17.3	11.6	41
8149Xa	-05:03	10:26	17.2	11.1	45	17.2	10.5	48	17.2	11.6	42
8164Xa	-04:27	11:02	17.2	11.3	43	17.2	10.4	51	17.2	12.3	34
8179Xa	-03:45	11:44	17.3	11.7	54	17.3	11.1	68	17.3	12.2	40
8194Xa	-03:09	12:20	17.3	11.7	35	17.3	11.2	25	17.3	12.2	45
8214Xa	-02:23	13:06	17.3	12.1	49	17.3	11.5	43	17.2	12.7	56
8229Xa	-01:49	13:40	17.4	12.1	64	17.5	11.8	37	17.4	12.4	92
8244Xa	-01:10	14:19	17.5	11.9	29	17.5	11.6	24	17.5	12.2	34
8259Xa	-00:29	15:00	17.5	12	30	17.6	11.9	21	17.5	12.2	39
8274Xa	0:21	15:51	17.4	12.3	125	17.4	12.2	85	17.3	12.4	165
8289Xa	0:57	16:27	17.3	12.6	112	17.3	12.3	92	17.2	12.9	131
8300Xa	1:24	16:54	17.2	12.9	78	17.3	12.4	59	17.1	13.4	97
8304Xa	1:30	17:00	17.2	12.7	65	17.3	12.1	48	17.1	13.3	82
8319Xa	2:03	17:33	17.3	-	48	17.3	-	24	17.2	-	71
AVERAGE			17.3	12.0	54.9	17.3	11.5	43.4	17.3	12.4	66.4
8007Xb	1:53	5:03	17.2	12.3	52	17.3	11.6	38	17.1	13	67

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8022Xb	2:30	5:40	17.1	12.4	55	17.2	12	34	17.1	12.8	77
8037Xb	3:04	6:14	17.2	11.9	58	17.3	11.4	34	17.2	12.5	82
8053Xb	3:44	6:54	17.3	12	64	17.3	11.6	39	17.3	12.3	89
8068Xb	4:15	7:25	17.3	11.8	55	17.3	11.5	48	17.3	12	61
8083Xb	4:46	7:56	17.3	11.8	37	17.3	11.5	34	17.3	12.1	41
8098Xb	5:16	8:26	17.3	11.5	26	17.3	11.3	22	17.3	11.6	29
8118Xb	6:08	9:18	17.4	11.8	53	17.4	11.4	64	17.3	12.3	42
8133Xb	-05:34	9:55	17.3	11.1	50	17.3	10.8	55	17.3	11.5	45
8148Xb	-05:04	10:25	17.3	10.7	47	17.3	10.4	48	17.3	11	47
8163Xb	-04:30	10:59	16.9	11.1	46	16.8	9.9	52	17.1	12.3	40
8178Xb	-03:46	11:43	17.3	11.7	54	17.3	11.1	69	17.3	12.4	39
8193Xb	-03:11	12:18	17.3	11.4	47	17.3	10.9	51	17.3	11.8	42
8213Xb	-02:25	13:04	17.3	12	42	17.3	11.4	25	17.2	12.6	60
8228Xb	-01:50	13:39	17.3	12	36	17.3	11.8	24	17.3	12.3	48
8243Xb	-01:12	14:17	17.5	11.8	23	17.5	11.6	21	17.4	12.1	26
8258Xb	-00:31	14:58	17.4	12.2	27	17.5	11.8	22	17.4	12.5	32
8288Xb	0:55	16:25	17.3	12.6	104	17.3	12.4	103	17.2	12.8	105
8303Xb	1:28	16:58	17.2	12.7	58	17.3	12.3	49	17.1	13.2	67
8318Xb	2:01	17:31	17.2	-	48	17.3	-	29	17.1	-	68
AVERAGE			17.3	11.8	49.1	17.3	11.4	43.1	17.2	12.3	55.4
8006Xc	1:51	5:01	17.2	12.5	50	17.3	11.9	36	17.1	13.1	65
8021Xc	2:28	5:38	17	12.6	47	16.9	12.5	33	17.1	12.8	62
8036Xc	3:03	6:13	17.1	12.2	66	17.1	11.9	51	17.2	12.6	82
8052Xc	3:43	6:53	17.3	11.7	60	17.3	11.4	39	17.3	12	80
8067Xc	4:14	7:24	17.3	11.7	36	17.2	11.5	31	17.3	11.9	41

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8082Xc	4:44	7:54	17.3	11.8	29	17.3	11.7	31	17.3	11.9	27
8097Xc	5:14	8:24	17.4	11.3	74	17.4	11.1	88	17.4	11.5	59
8117Xc	6:06	9:16	17.3	11.3	97	17.3	10.8	55	17.3	11.9	137
8132Xc	-05:35	9:54	17.3	10.8	54	17.3	10.8	54	17.3	10.9	54
8147Xc	-05:06	10:23	17.3	10.4	49	17.3	10.3	46	17.3	10.5	52
8162Xc	-04:32	10:57	17.3	10.9	61	17.3	10.2	55	17.2	11.6	68
8177Xc	-03:48	11:41	17.3	11.6	77	17.3	11.3	94	17.3	11.9	60
8192Xc	-03:13	12:16	17.4	11.5	80	17.4	11.3	100	17.4	11.6	60
8212Xc	-02:28	13:01	17.3	11.8	50	17.3	11.4	32	17.3	12.3	68
8227Xc	-01:52	13:37	17.3	11.8	23	17.4	11.5	20	17.3	12.1	26
8242Xc	-01:14	14:15	17.6	12	45	17.6	11.9	51	17.5	12.1	39
8257Xc	-00:33	14:56	17.4	12	114	17.5	11.8	24	17.4	12.3	204
8272Xc	0:14	15:44	17.3	12.4	109	17.3	12.2	81	17.3	12.6	137
8287Xc	0:53	16:23	17.3	12.5	105	17.3	12.1	47	17.2	12.8	165
8302Xc	1:27	16:57	17.1	12.8	66	17.1	12.4	51	17	13.4	81
8317Xc	1:59	17:29	17.2	-	47	17.3	-	26	17.1	-	67
AVERAGE			17.3	11.8	63.8	17.3	11.5	49.8	17.3	12.1	77.8
8005Xd	1:47	4:57	17.2	12.4	52	17.3	11.8	37	17.1	13	68
8020Xd	2:26	5:36	17	12.5	53	16.9	12.2	30	17.1	12.8	77
8035Xd	3:01	6:11	17.2	12.2	77	17.2	11.8	75	17.2	12.6	80
8051Xd	3:41	6:51	17.3	11.5	48	17.2	11.4	34	17.3	11.7	63
8066Xd	4:13	7:23	17.3	11.7	56	17.3	11.4	42	17.3	12	70
8081Xd	4:43	7:53	17.3	11.6	31	17.3	11.5	27	17.3	11.7	35
8096Xd	5:13	8:23	17.4	11.4	69	17.5	11.2	91	17.4	11.6	47
8116Xd	6:04	9:14	17.3	11.2	53	17.4	10.8	59	17.3	11.6	47

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8131Xd	-05:36	9:53	17.3	10.8	59	17.3	10.7	58	17.3	10.8	60
8146Xd	-05:08	10:21	17.3	10.3	65	17.2	10.2	51	17.3	10.5	79
8161Xd	-04:34	10:55	17.3	10.9	86	17.3	10.3	74	17.3	11.5	100
8176Xd	-03:49	11:40	17.3	11.6	82	17.3	11.3	89	17.3	11.9	74
8191Xd	-03:15	12:14	17.4	11.7	187	17.4	11.3	284	17.4	12	90
8211Xd	-02:30	12:59	17.5	11.9	73	17.5	11.6	70	17.5	12.3	77
8226Xd	-01:53	13:36	17.6	11.8	41	17.6	11.6	39	17.6	12.1	44
8241Xd	-01:16	14:13	17.5	11.9	94	17.5	11.8	93	17.5	12	96
8256Xd	-00:36	14:53	17.4	12.2	94	17.5	12.1	40	17.4	12.4	149
8271Xd	0:12	15:42	17.4	12.4	128	17.4	12.2	81	17.3	12.6	175
8286Xd	0:51	16:21	17.3	12.5	115	17.4	12.2	58	17.2	12.9	171
8301Xd	1:25	16:55	17.2	12.8	68	17.3	12.3	50	17.1	13.3	86
8316Xd	1:57	17:27	17.1	-	56	17.2	-	34	17.1	-	77
AVERAGE			17.3	11.8	75.6	17.3	11.5	67.4	17.3	12.1	84.0
8004Xe	1:45	4:55	17.1	12.6	59	17.2	12.2	45	17.1	13	72
8019Xe	2:23	5:33	17.3	12.2	50	17.3	11.9	28	17.2	12.5	72
8034Xe	2:59	6:09	17.3	12.1	62	17.3	12	47	17.3	12.2	77
8050Xe	3:39	6:49	17.3	11.6	55	17.3	11.5	49	17.3	11.7	62
8065Xe	4:11	7:21	17.3	11.6	60	17.3	11.5	55	17.3	11.7	66
8080Xe	4:41	7:51	17.3	11.3	52	17.3	11	45	17.4	11.6	58
8095Xe	5:10	8:20	17.5	11.1	118	17.5	11.1	107	17.5	11.2	128
8115Xe	6:01	9:11	17.4	11.2	53	17.4	10.8	60	17.3	11.7	47
8130Xe	-05:38	9:51	17.3	10.7	62	17.3	10.6	61	17.3	10.8	63
8145Xe	-05:09	10:20	17.3	10.2	60	17.2	10	60	17.3	10.4	61
8160Xe	-04:36	10:53	17.3	10.4	67	17.3	10.2	46	17.3	10.5	88

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8175Xe	-03:51	11:38	17.4	11	89	17.4	10.9	56	17.4	11	122
8190Xe	-03:17	12:12	17.5	11.6	261	17.5	11.2	234	17.4	11.9	289
8210Xe	-02:32	12:57	17.9	11.9	85	17.8	11.7	62	17.9	12	109
8225Xe	-01:54	13:35	17.9	11.9	46	18	11.9	36	17.8	12	56
8240Xe	-01:17	14:12	17.4	12	86	17.4	11.9	53	17.4	12	119
8255Xe	-00:43	14:46	17.4	12.4	148	17.4	12.2	135	17.3	12.5	162
8270Xe	0:10	15:40	17.2	12.6	131	17.3	12.4	96	17.2	12.9	167
8285Xe	0:49	16:19	17.3	12.6	112	17.4	12.3	66	17.3	12.9	158
8315Xe	1:55	17:25	17.1	-	60	17.2	-	38	17	-	82
AVERAGE			17.4	11.6	85.8	17.4	11.4	69.0	17.4	11.8	102.9
8009Ya	2:00	5:10	17.3	12.1	42	17.4	11.4	24	17.2	12.8	59
8024Ya	2:36	5:46	17.3	11.9	41	17.3	11.4	23	17.3	12.4	58
8039Ya	3:10	6:20	17.4	11.8	32	17.4	11.3	18	17.4	12.2	46
8055Ya	3:50	7:00	17.3	11.7	30	17.3	11	22	17.3	12.3	38
8070Ya	4:21	7:31	17.3	11.8	36	17.3	11.5	20	17.3	12.1	53
8085Ya	4:51	8:01	17.3	11.9	29	17.3	11.6	30	17.3	12.1	28
8100Ya	5:20	8:30	17.3	12	31	17.3	11.8	29	17.3	12.2	33
8120Ya	6:14	9:24	17.3	12.1	27	17.3	11.8	25	17.3	12.4	28
8135Ya	-05:29	10:00	17.3	11.6	42	17.3	10.9	50	17.3	12.3	33
8150Ya	-04:59	10:30	17.3	11.4	43	17.3	10.6	50	17.3	12.2	35
8165Ya	-04:24	11:05	17.3	11.4	39	17.3	10.4	43	17.3	12.4	35
8180Ya	-03:43	11:46	17.3	11.7	58	17.3	11.1	77	17.3	12.3	38
8195Ya	-03:06	12:23	17.3	11.9	53	17.3	11.3	60	17.3	12.6	46
8215Ya	-02:20	13:09	17.5	11.9	75	17.5	11.4	62	17.4	12.4	90
8230Ya	-01:46	13:43	17.4	12.1	43	17.5	11.6	27	17.4	12.5	58

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8245Ya	-01:08	14:21	17.5	12	25	17.5	11.7	23	17.4	12.3	27
8260Ya	-00:25	15:04	17.4	12.2	144	17.5	12.1	110	17.4	12.3	178
8275Ya	0:24	15:54	17.3	12.3	121	17.4	11.9	53	17.2	12.8	188
8290Ya	1:00	16:30	17.3	12.4	78	17.4	11.7	50	17.2	13	106
8305Ya	1:32	17:02	17.2	12.3	45	17.3	11.6	32	17.1	13	59
8320Ya	2:06	17:36	17.3	-	43	17.3	-	22	17.3	-	64
AVERAGE			17.3	11.9	51.3	17.4	11.4	40.5	17.3	12.4	61.9
8010Yb	2:02	5:12	17.3	11.9	53	17.3	11.3	26	17.3	12.5	81
8025Yb	2:39	5:49	17.3	11.7	41	17.3	11.2	24	17.3	12.3	58
8040Yb	3:11	6:21	17.3	11.8	32	17.3	11.3	19	17.3	12.3	45
8056Yb	3:52	7:02	17.2	11.8	40	17.2	11.3	25	17.3	12.2	56
8071Yb	4:22	7:32	17.3	11.8	21	17.3	11.5	18	17.3	12.1	23
8086Yb	4:52	8:02	17.3	11.8	33	17.3	11.6	37	17.3	12.1	28
8101Yb	5:22	8:32	17.3	11.9	65	17.3	11.6	26	17.3	12.1	103
8121Yb	6:17	9:27	17.3	11.7	39	17.4	11	50	17.3	12.3	28
8136Yb	-05:28	10:01	17.3	11.4	52	17.3	10.7	61	17.3	12.1	43
8151Yb	-04:57	10:32	17.2	11.4	56	17.3	10.5	49	17.2	12.2	62
8166Yb	-04:22	11:07	17.3	11.2	47	17.2	10.3	50	17.3	12	43
8181Yb	-03:40	11:49	17.3	11.7	64	17.4	11.2	81	17.3	12.2	46
8196Yb	-03:05	12:24	17.3	11.7	51	17.4	11	52	17.3	12.4	49
8216Yb	-02:16	13:13	17.4	11.9	67	17.4	11.4	40	17.3	12.4	94
8231Yb	-01:42	13:47	17.4	11.9	31	17.4	11.5	24	17.4	12.3	38
8246Yb	-01:06	14:23	17.5	12	29	17.6	11.8	30	17.5	12.2	28
8261Yb	-00:23	15:06	17.4	12.2	131	17.5	12	78	17.4	12.3	184
8276Yb	0:26	15:56	17.2	12.4	112	17.3	11.9	55	17.2	12.9	171

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8291Yb	1:02	16:32	17.2	12.4	85	17.3	11.9	53	17.1	13	118
8306Yb	1:34	17:04	17.3	12.3	44	17.4	11.6	30	17.2	13	57
8321Yb	2:08	17:38	17.3	-	50	17.3	-	25	17.2	-	76
AVERAGE			17.3	11.8	54.4	17.3	11.3	40.6	17.3	12.3	68.1
8011Yc	2:04	5:14	17.2	12.2	56	17.3	11.6	35	17.2	12.7	78
8026Yc	2:41	5:51	17.3	11.8	47	17.3	11.4	32	17.3	12.3	62
8041Yc	3:13	6:23	17.3	11.9	47	17.3	11.5	26	17.3	12.3	69
8057Yc	3:54	7:04	17.3	11.8	34	17.3	11.4	28	17.3	12.2	40
8072Yc	4:24	7:34	17.3	11.7	22	17.3	11.5	19	17.3	12	26
8087Yc	4:54	8:04	17.3	11.8	24	17.3	11.6	27	17.4	12	22
8102Yc	5:24	8:34	17.3	11.8	26	17.2	11.5	22	17.3	12.1	30
8122Yc	6:20	9:30	17.2	11.4	47	17.2	11	56	17.3	11.8	39
8137Yc	-05:26	10:03	17.3	11.1	55	17.3	10.7	61	17.3	11.6	49
8152Yc	-04:55	10:34	17.2	10.8	46	17.2	10.3	47	17.3	11.3	44
8167Yc	-04:18	11:11	17.3	11.1	55	17.3	10.4	51	17.3	11.8	60
8182Yc	-03:38	11:51	17.3	11.6	76	17.4	11.3	80	17.3	11.9	71
8197Yc	-03:03	12:26	17.4	11.6	81	17.4	11.2	94	17.3	11.9	68
8217Yc	-02:15	13:14	17.4	12	83	17.4	11.5	38	17.4	12.4	128
8232Yc	-01:40	13:49	17.4	11.9	32	17.4	11.6	26	17.5	12.2	38
8247Yc	-01:04	14:25	17.5	12	48	17.6	11.9	53	17.5	12.1	44
8262Yc	-00:21	15:08	17.5	12.1	77	17.6	11.9	29	17.4	12.4	125
8277Yc	0:28	15:58	17.2	12.5	115	17.2	12.1	60	17.2	12.8	171
8292Yc	1:04	16:34	17.2	12.6	96	17.3	11.9	54	17.1	13.3	139
8307Yc	1:36	17:06	17.2	12.4	57	17.3	11.6	31	17.1	13.1	84
8322Yc	2:10	17:40	17.3	-	40	17.3	-	27	17.2	-	54

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
AVERAGE			17.3	11.8	55.4	17.3	11.4	42.7	17.3	12.2	68.6
8012Yd	2:06	5:16	17.2	12.4	69	17.2	12	32	17.1	12.9	106
8027Yd	2:43	5:53	17.2	11.6	38	17.2	11.2	23	17.3	12.1	54
8042Yd	3:15	6:25	17.3	11.8	57	17.3	11.4	29	17.3	12.2	87
8058Yd	3:55	7:05	17.3	12	58	17.3	11.6	40	17.3	12.3	76
8073Yd	4:25	7:35	17.3	11.8	29	17.3	11.6	26	17.3	11.9	32
8088Yd	4:56	8:06	17.3	11.6	26	17.3	11.5	27	17.4	11.7	25
8103Yd	5:25	8:35	17.3	11.8	32	17.3	11.6	32	17.3	12.1	31
8123Yd	6:22	9:32	17.3	11.3	54	17.3	10.9	59	17.3	11.8	50
8138Yd	-5:24	10:05	17.3	11	56	17.3	10.7	59	17.3	11.3	53
8153Yd	-4:54	10:35	17.2	10.8	52	17.2	10.1	54	17.3	11.4	50
8168Yd	-4:16	11:13	17.3	11.3	76	17.3	10.7	73	17.3	11.9	79
8183Yd	-3:37	11:52	17.3	11.7	69	17.4	11.3	73	17.3	12.1	65
8198Yd	-3:01	12:28	17.4	11.8	148	17.5	11.4	213	17.4	12.2	82
8218Yd	-2:14	13:15	17.4	11.9	59	17.5	11.5	45	17.4	12.4	74
8233Yd	-1:38	13:51	17.7	12	38	17.7	11.8	33	17.6	12.2	43
8248Yd	-1:02	14:27	17.5	12	89	17.6	11.9	61	17.5	12.1	116
8263Yd	-0:19	15:10	17.4	12.2	87	17.5	11.9	55	17.4	12.5	118
8278Yd	0:29	15:59	17.3	12.5	122	17.4	12.1	57	17.2	12.8	186
8293Yd	1:05	16:35	17.2	12.8	87	17.3	12.3	66	17.1	13.3	108
8308Yd	1:38	17:08	17.2	12.6	47	17.3	12.1	35	17.1	13.1	60
8323Yd	2:12	17:42	17	-	39	16.9	-	25	17.1	-	54
AVERAGE			17.3	11.8	63.4	17.3	11.5	53.2	17.3	12.2	73.8
8013Ye	2:08	5:18	17	12.5	53	17	12.1	33	17.1	12.9	73
8028Ye	2:45	5:55	17.2	11.9	38	17.2	11.7	28	17.3	12.1	48

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8043Ye	3:17	6:27	17.3	11.8	61	17.3	11.4	36	17.3	12.1	87
8059Ye	3:57	7:07	17.3	11.9	75	17.3	11.6	51	17.3	12.2	100
8074Ye	4:27	7:37	17.3	11.3	44	17.3	11.2	24	17.3	11.4	64
8089Ye	4:57	8:07	17.4	11.2	83	17.5	11.2	89	17.4	11.3	77
8104Ye	5:27	8:37	17.4	11.8	31	17.4	11.5	34	17.4	12.1	28
8124Ye	6:23	9:33	17.3	11.2	63	17.3	10.7	69	17.3	11.7	57
8139Ye	-5:23	10:06	17.3	10.7	60	17.3	10.5	60	17.3	11	61
8154Ye	-4:52	10:37	17.2	10.8	61	17.2	10.2	60	17.3	11.4	62
8169Ye	-4:14	11:15	17.3	11.3	110	17.3	10.8	105	17.3	11.8	115
8184Ye	-3:35	11:54	17.4	11.6	85	17.4	11.1	90	17.3	12	80
8199Ye	-2:58	12:31	17.7	11.9	165	17.9	11.7	90	17.6	12	241
8219Ye	-2:12	13:17	17.7	12.1	57	17.7	11.8	46	17.7	12.3	69
8234Ye	-1:36	13:53	17.8	11.9	46	17.8	11.8	45	17.7	12	48
8249Ye	-1:00	14:29	17.4	12.2	198	17.4	12.1	123	17.3	12.2	276
8279Ye	0:31	16:01	17.2	12.6	120	17.3	12.2	60	17.2	13	178
8294Ye	1:07	16:37	17.1	12.9	78	17.2	12.5	66	17	13.4	91
8309Ye	1:39	17:09	17.2	12.7	60	17.3	12.2	37	17.1	13.2	83
8324Ye	2:13	17:43	17.1	-	37	17.1	-	24	17.1	-	50
AVERAGE			17.3	11.8	76.3	17.4	11.5	58.5	17.3	12.1	94.4
8018Za	2:18	5:28	17.3	11.8	57	17.3	11.1	20	17.3	12.4	96
8033Za	2:55	6:05	17.3	12	30	17.3	11.6	19	17.3	12.3	41
8049Za	3:32	6:42	17.3	12	27	17.3	11.6	18	17.3	12.4	36
8064Za	4:06	7:16	17.4	11.9	20	17.4	11.6	18	17.4	12.2	22
8079Za	4:36	7:46	17.3	11.9	20	17.3	11.6	18	17.4	12.1	22
8094Za	5:07	8:17	17.3	11.9	18	17.3	11.7	18	17.4	12.1	19

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8114Za	5:55	9:05	17.3	11.9	26	17.2	11.5	24	17.3	12.3	27
8129Za	6:32	9:42	17.3	11.8	56	17.3	11.3	31	17.3	12.4	81
8144Za	-5:14	10:15	17.3	11.8	39	17.3	11.1	50	17.3	12.5	28
8159Za	-4:42	10:47	17.3	11.4	39	17.3	10.7	44	17.3	12.1	34
8174Za	-4:00	11:29	17.2	11.5	36	17.3	10.6	39	17.2	12.4	33
8189Za	-3:22	12:07	17.3	11.6	66	17.4	11.2	77	17.3	11.9	54
8204Za	-2:47	12:42	17.3	11.9	48	17.4	11.3	64	17.3	12.5	31
8224Za	-2:02	13:27	17.6	11.9	55	17.6	11.6	40	17.6	12.2	71
8239Za	-1:23	14:06	17.6	12	34	17.6	11.7	28	17.5	12.3	41
8254Za	-0:48	14:41	17.4	12	128	17.4	11.9	71	17.4	12.2	186
8269Za	0:04	15:34	17.4	12.3	109	17.4	11.8	55	17.3	12.7	163
8284Za	0:42	16:12	17.1	12.4	72	17	11.7	47	17.1	13.1	97
8299Za	1:19	16:49	17.3	12.1	49	17.4	11.6	40	17.3	12.7	59
8314Za	1:50	17:20	17.3	-	43	17.3	-	22	17.2	-	63
8329Za	2:24	17:54	17.3	-	36	17.3	-	15	17.3	-	57
AVERAGE			17.3	11.9	48.0	17.3	11.4	36.1	17.3	12.4	60.0
8017Zb	2:16	5:26	17.2	11.8	36	17.2	11.3	20	17.3	12.3	52
8032Zb	2:54	6:04	17.3	11.9	51	17.3	11.5	19	17.3	12.2	82
8048Zb	3:30	6:40	17.3	12	24	17.2	11.7	18	17.3	12.3	30
8063Zb	4:05	7:15	17.3	11.8	23	17.3	11.4	19	17.3	12.2	27
8078Zb	4:34	7:44	17.4	11.8	19	17.4	11.6	18	17.4	11.9	20
8093Zb	5:05	8:15	17.3	11.8	34	17.3	11.6	18	17.4	12	49
8113Zb	5:54	9:04	17.2	12	32	17.2	11.7	21	17.2	12.4	42
8128Zb	6:30	9:40	17.3	11.7	90	17.3	11	43	17.3	12.4	137
8143Zb	-5:16	10:13	17.3	11.5	57	17.3	10.8	61	17.3	12.2	53

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8158Zb	-4:44	10:45	17.3	11.3	47	17.3	10.5	44	17.3	12.2	49
8173Zb	-4:02	11:27	17.3	11.5	55	17.3	10.9	50	17.3	12.1	61
8188Zb	-3:23	12:06	17.3	11.4	66	17.4	11.1	68	17.3	11.8	63
8203Zb	-2:49	12:40	17.4	11.7	59	17.4	11.3	45	17.3	12	74
8223Zb	-2:03	13:26	17.4	11.8	49	17.4	11.5	33	17.4	12.1	65
8238Zb	-1:26	14:03	17.5	11.9	34	17.5	11.7	28	17.5	12.2	40
8253Zb	-0:50	14:39	17.4	11.9	144	17.5	11.9	78	17.4	12	211
8268Zb	0:03	15:33	17.4	12.4	125	17.4	12.3	95	17.3	12.6	156
8283Zb	0:40	16:10	17.3	12.3	76	17.4	11.7	49	17.2	12.9	104
8298Zb	1:17	16:47	17.3	12.1	46	17.3	11.4	30	17.2	12.8	62
8313Zb	1:48	17:18	17.3	12	36	17.3	11.5	24	17.3	12.6	47
8328Zb	2:22	17:52	17.2	-	57	17.2	-	21	17.2	-	94
AVERAGE			17.3	11.8	55.2	17.3	11.4	38.2	17.3	12.3	72.3
8016Zc	2:14	5:24	17.3	12.1	46	17.3	11.7	32	17.2	12.5	60
8031Zc	2:51	6:01	17.3	11.9	35	17.4	11.6	23	17.3	12.2	48
8047Zc	3:28	6:38	17.3	11.8	32	17.3	11.5	19	17.3	12.2	44
8062Zc	4:03	7:13	17.3	11.7	34	17.2	11.3	19	17.3	12.2	48
8077Zc	4:32	7:42	17.3	12	21	17.3	11.9	22	17.3	12.2	21
8092Zc	5:04	8:14	17.3	11.8	20	17.3	11.7	20	17.4	11.9	20
8112Zc	5:52	9:02	17.2	11.7	95	17.2	11.4	21	17.3	12	168
8127Zc	6:29	9:39	17.3	11.5	40	17.3	10.9	55	17.3	12.1	25
8142Zc	-5:18	10:11	17.3	11.2	53	17.3	10.7	68	17.3	11.8	37
8157Zc	-4:45	10:44	17.2	10.8	43	17.2	10.1	45	17.3	11.5	40
8172Zc	-4:05	11:24	17.3	11.3	50	17.3	10.8	54	17.3	11.8	46
8187Zc	-3:25	12:04	17.4	11.4	78	17.3	11.3	75	17.4	11.4	80

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8202Zc	-2:51	12:38	17.4	11.6	105	17.5	11.4	108	17.4	11.8	102
8222Zc	-2:05	13:24	17.4	11.5	34	17.4	11.4	29	17.4	11.6	38
8237Zc	-1:27	14:02	17.6	11.8	32	17.5	11.6	27	17.6	12.1	37
8252Zc	-0:52	14:37	17.5	12	88	17.5	11.9	67	17.4	12.2	109
8267Zc	0:00	15:30	17.5	12.3	80	17.5	12.1	49	17.4	12.5	112
8282Zc	0:38	16:08	17.3	12.6	108	17.4	12.1	64	17.2	13.2	153
8297Zc	1:15	16:45	17.3	12.3	53	17.4	11.6	32	17.2	13.1	73
8312Zc	1:46	17:16	17.3	12	36	17.3	11.6	28	17.3	12.5	44
8327Zc	2:19	17:49	17.2	-	43	17.3	-	26	17.2	-	60
AVERAGE			17.3	11.8	53.6	17.3	11.4	42.0	17.3	12.1	65.0
8015Zd	2:12	5:22	17.3	12.3	39	17.3	12	26	17.2	12.5	52
8030Zd	2:50	6:00	17.3	11.9	42	17.4	11.6	24	17.3	12.3	59
8046Zd	3:26	6:36	17.3	12	59	17.3	11.8	33	17.3	12.3	86
8061Zd	4:01	7:11	17.3	11.8	31	17.3	11.6	21	17.4	12	42
8076Zd	4:31	7:41	17.3	11.6	23	17.3	11.4	19	17.4	11.8	28
8091Zd	5:02	8:12	17.3	11.6	24	17.3	11.4	21	17.3	11.7	26
8111Zd	5:51	9:01	17.3	11.6	21	17.2	11.4	20	17.3	11.8	22
8126Zd	6:27	9:37	17.3	11.4	43	17.3	10.7	58	17.3	12.1	29
8141Zd	-5:19	10:10	17.3	11.1	52	17.3	10.5	60	17.3	11.6	44
8156Zd	-4:48	10:41	17.3	10.9	52	17.3	10.3	57	17.3	11.5	47
8171Zd	-4:08	11:21	17.3	11.2	82	17.3	10.7	78	17.3	11.6	86
8186Zd	-3:27	12:02	17.4	11.3	77	17.4	11.2	73	17.4	11.5	81
8201Zd	-2:53	12:36	17.7	11.9	120	17.8	11.7	107	17.6	12	133
8221Zd	-2:08	13:21	17.6	11.9	62	17.6	11.6	41	17.6	12.3	82
8236Zd	-1:29	14:00	17.7	11.9	40	17.7	11.7	38	17.7	12.1	42

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8251Zd	-0:54	14:35	17.1	12.4	231	17	12.4	184	17.2	12.4	278
8266Zd	-0:03	15:26	17.2	12.5	93	17.1	12.2	59	17.3	12.7	128
8281Zd	0:36	16:06	17.3	12.7	113	17.4	12.3	72	17.2	13	155
8296Zd	1:14	16:44	17.2	12.8	74	17.3	12.2	52	17.1	13.3	96
8311Zd	1:44	17:14	17.2	12.2	35	17.3	11.6	24	17.2	12.8	45
8326Zd	2:17	17:47	17.2	-	43	17.2	-	22	17.2	-	63
AVERAGE			17.3	11.9	64.6	17.3	11.5	51.9	17.3	12.2	77.3
8014Ze	2:10	5:20	17.2	12.1	38	17.2	11.6	27	17.2	12.6	48
8029Ze	2:48	5:58	17.3	11.9	41	17.3	11.7	30	17.3	12.1	52
8045Ze	3:23	6:33	17.3	11.8	63	17.3	11.5	35	17.3	12.1	92
8060Ze	4:00	7:10	17.3	11.7	57	17.3	11.5	50	17.4	11.9	64
8075Ze	4:29	7:39	17.4	11.5	85	17.4	11.5	83	17.4	11.5	87
8090Ze	5:00	8:10	17.5	11.3	96	17.4	11.2	95	17.5	11.3	98
8110Ze	5:50	9:00	17.3	11.3	52	17.3	11	66	17.3	11.6	38
8125Ze	6:25	9:35	17.3	11.2	55	17.3	10.6	69	17.3	11.8	41
8140Ze	-5:21	10:09	17.3	11	52	17.3	10.5	55	17.3	11.5	48
8155Ze	-4:49	10:40	17.3	10.8	57	17.2	10.2	59	17.3	11.5	54
8170Ze	-4:10	11:19	17.3	11.3	92	17.3	10.8	89	17.3	11.8	94
8185Ze	-3:30	11:59	17.4	11.5	106	17.4	11.2	121	17.3	11.7	91
8200Ze	-2:55	12:34	17.7	11.9	134	17.9	11.7	87	17.6	12	180
8220Ze	-2:10	13:19	17.8	12	56	17.8	11.8	43	17.7	12.3	69
8235Ze	-1:31	13:58	17.7	11.9	49	17.8	11.8	48	17.7	12	51
8250Ze	-0:58	14:31	17.4	12.1	220	17.4	12	175	17.3	12.3	265
8265Ze	-0:14	15:15	17.4	12.4	111	17.5	12	72	17.3	12.7	149
8280Ze	0:34	16:04	17.2	12.7	94	17.3	12.4	67	17.2	13.1	121

Siltprofiles Name	Time after HW [hh:mm]	Time [hh:mm MET]	Depth Avg			Top 50% Depth Avg			Bottom 50% Depth Avg		
			Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]	Temp [°C]	Sal [ppt]	SS Conc [mg/l]
8295Ze	1:12	16:42	17.2	12.6	66	17.3	12	44	17.1	13.3	88
8310Ze	1:42	17:12	17.2	12.6	48	17.3	12	28	17.1	13.1	68
8325Ze	2:16	17:46	17.2	-	30	17.2	-	22	17.1	-	39
AVERAGE			17.4	11.8	76.3	17.4	11.5	65.0	17.3	12.1	87.5

G.2 Figures

Through tide measurements Siltprofiler DGD Summer 2008

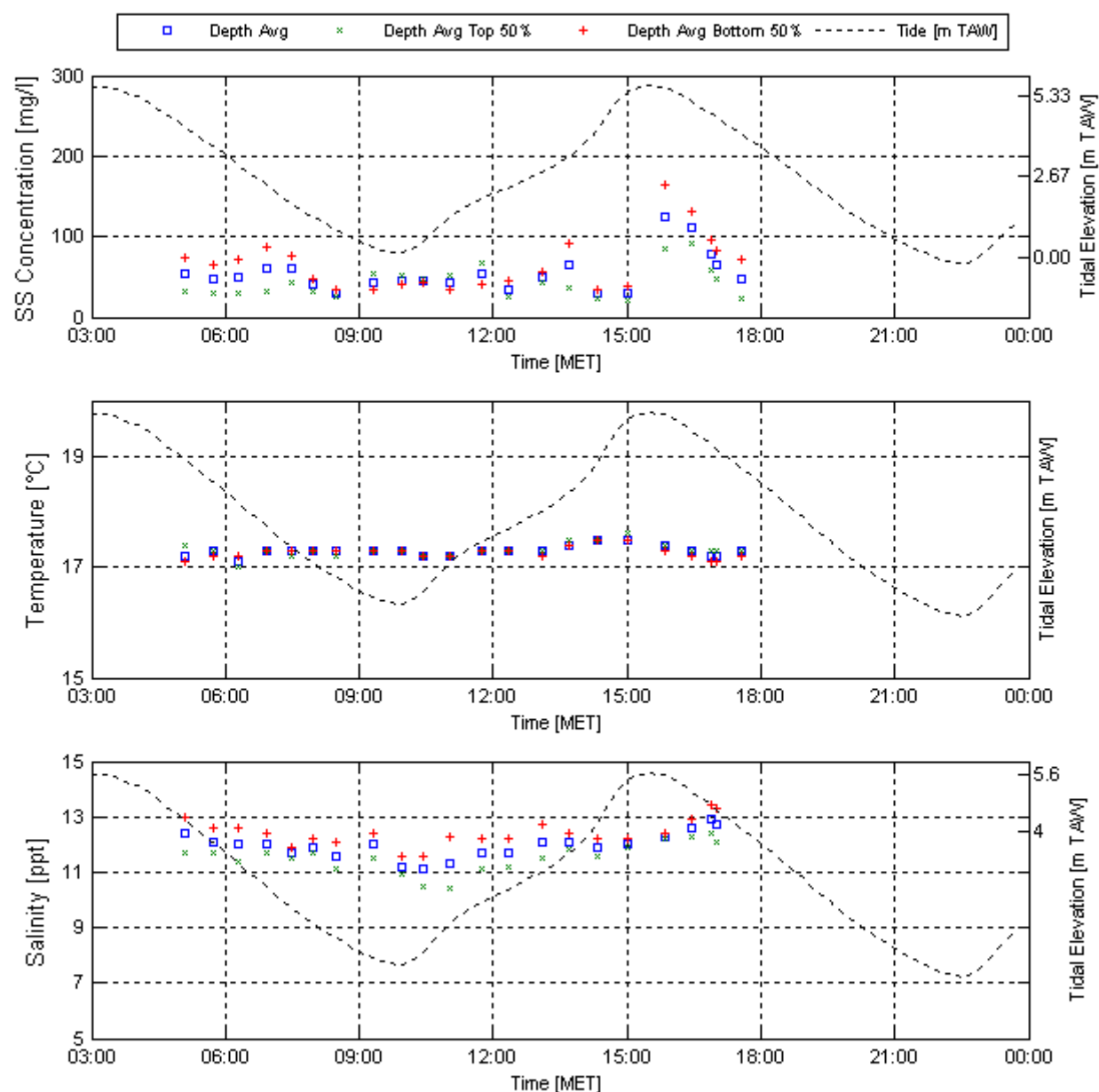
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Xa



Date :

29-Sep-2008

Data Processed by 

In association with :  IMDC

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

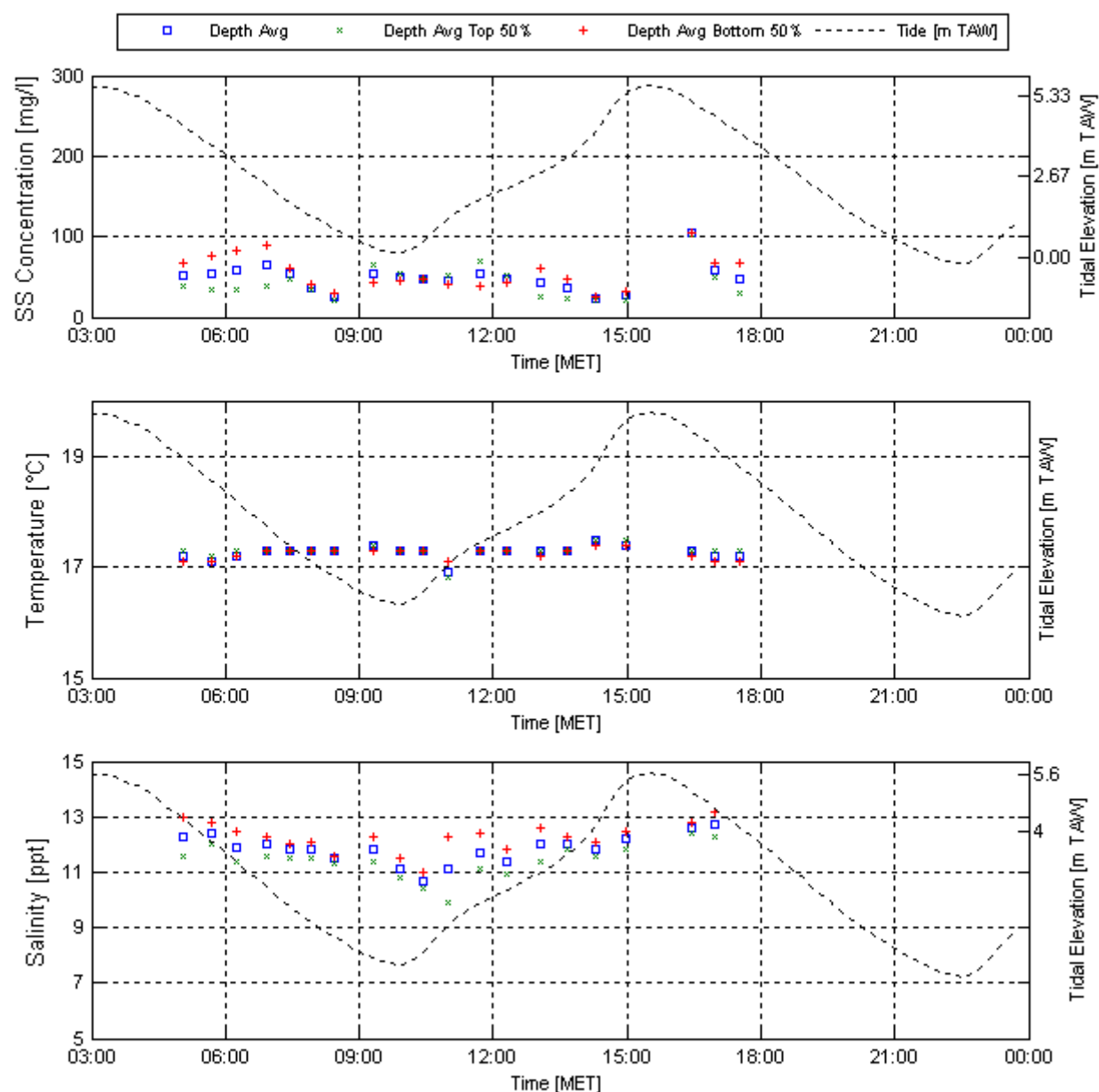
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Xb



Date :

29-Sep-2008

Data Processed by



In association with :



I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

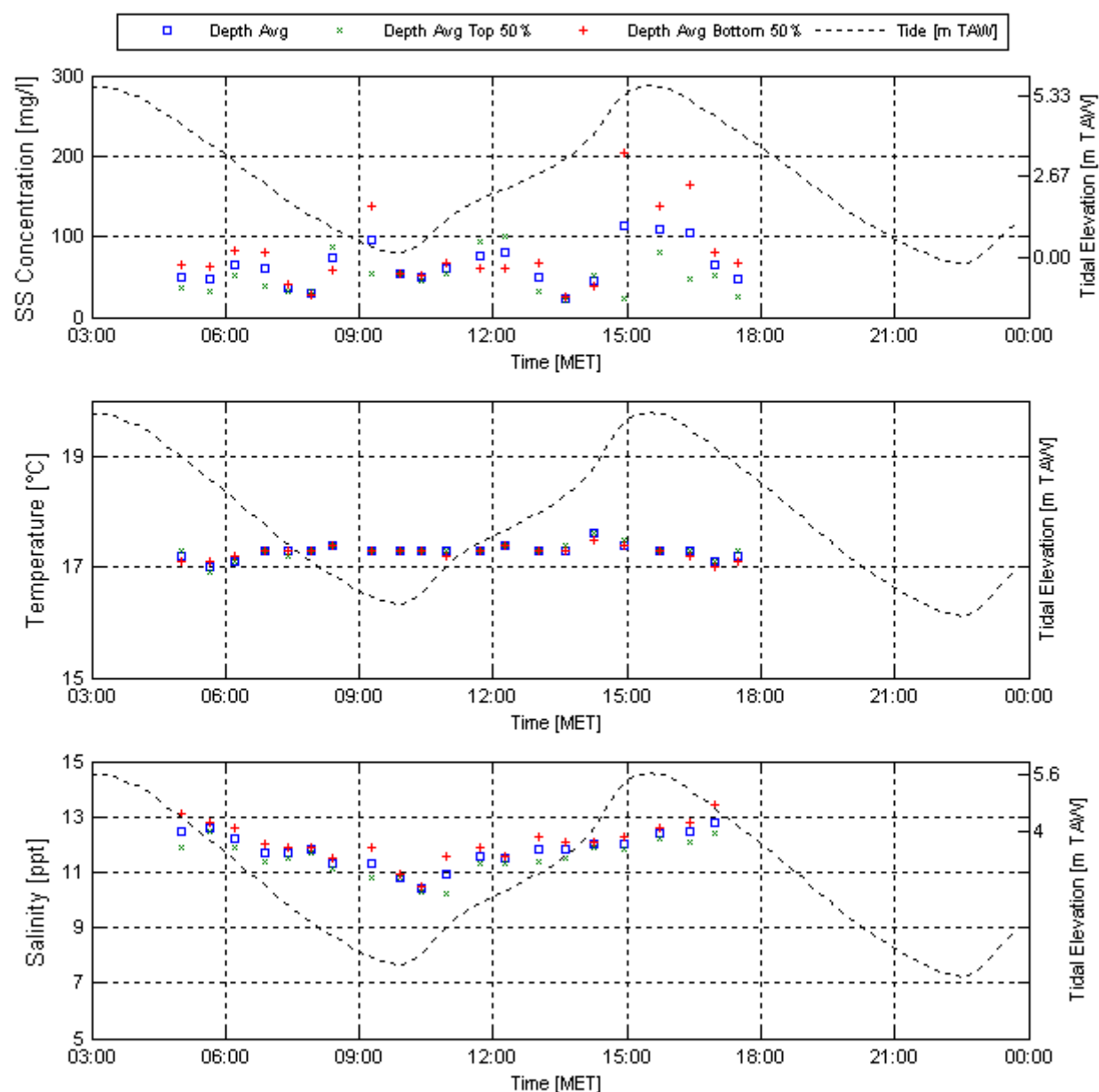
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Xc



Date :

29-Sep-2008

Data Processed by  IMDC

In association with:  Hydrographic Institute

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

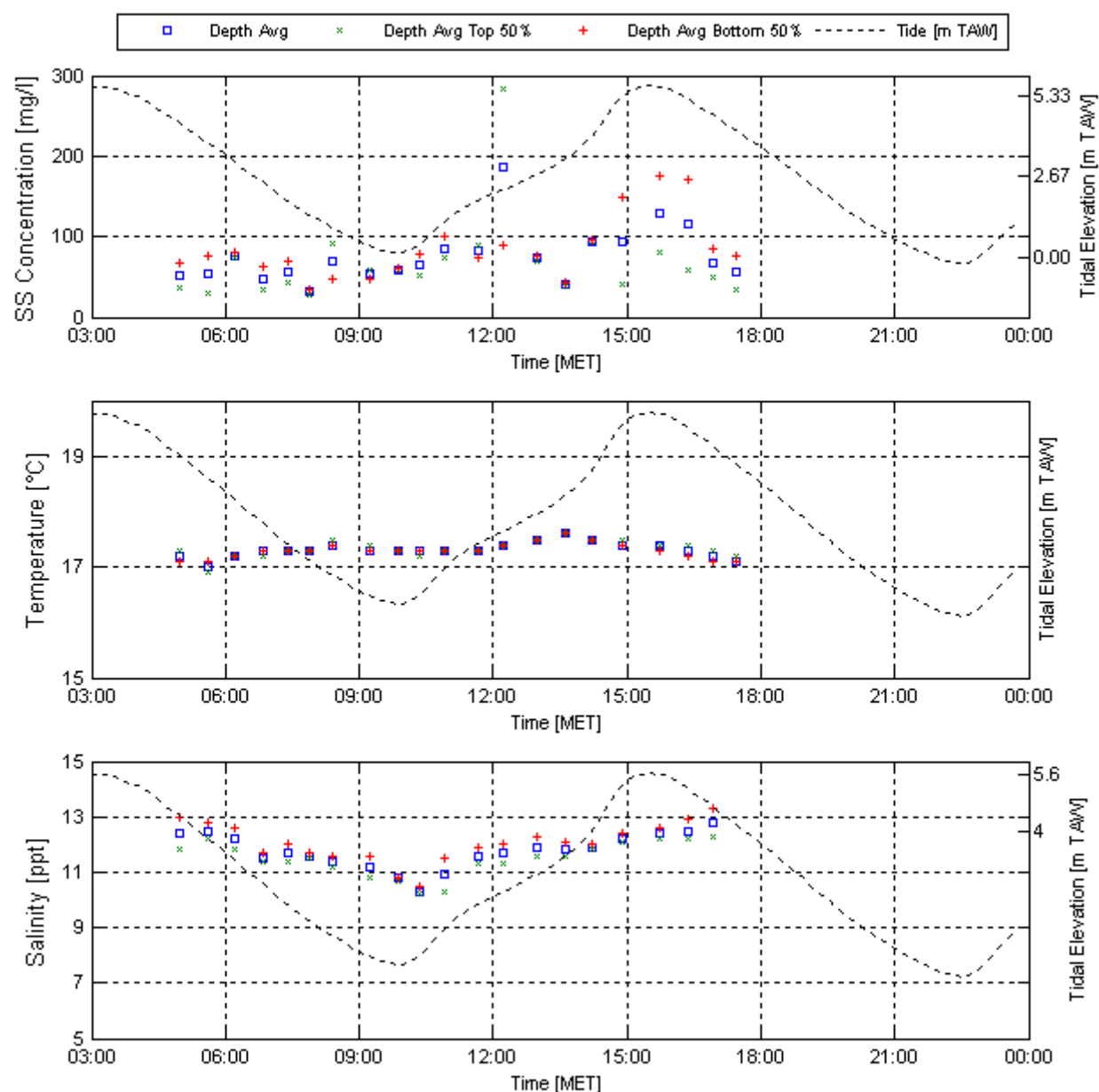
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Xd



Date :

29-Sep-2008

Data Processed by 

In association with :  

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

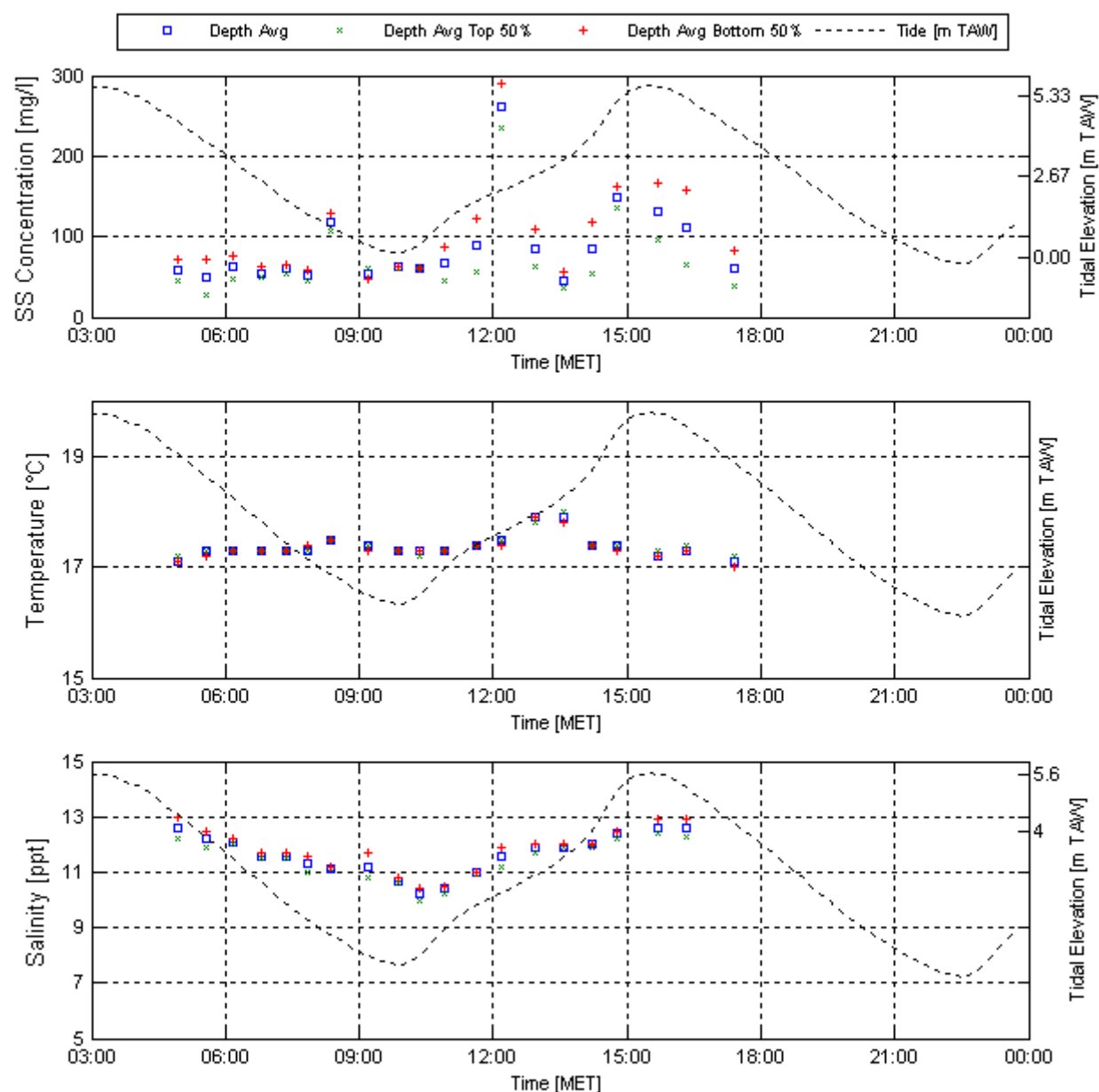
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Xe



Date :

29-Sep-2008

Data Processed by 

In association with: 

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

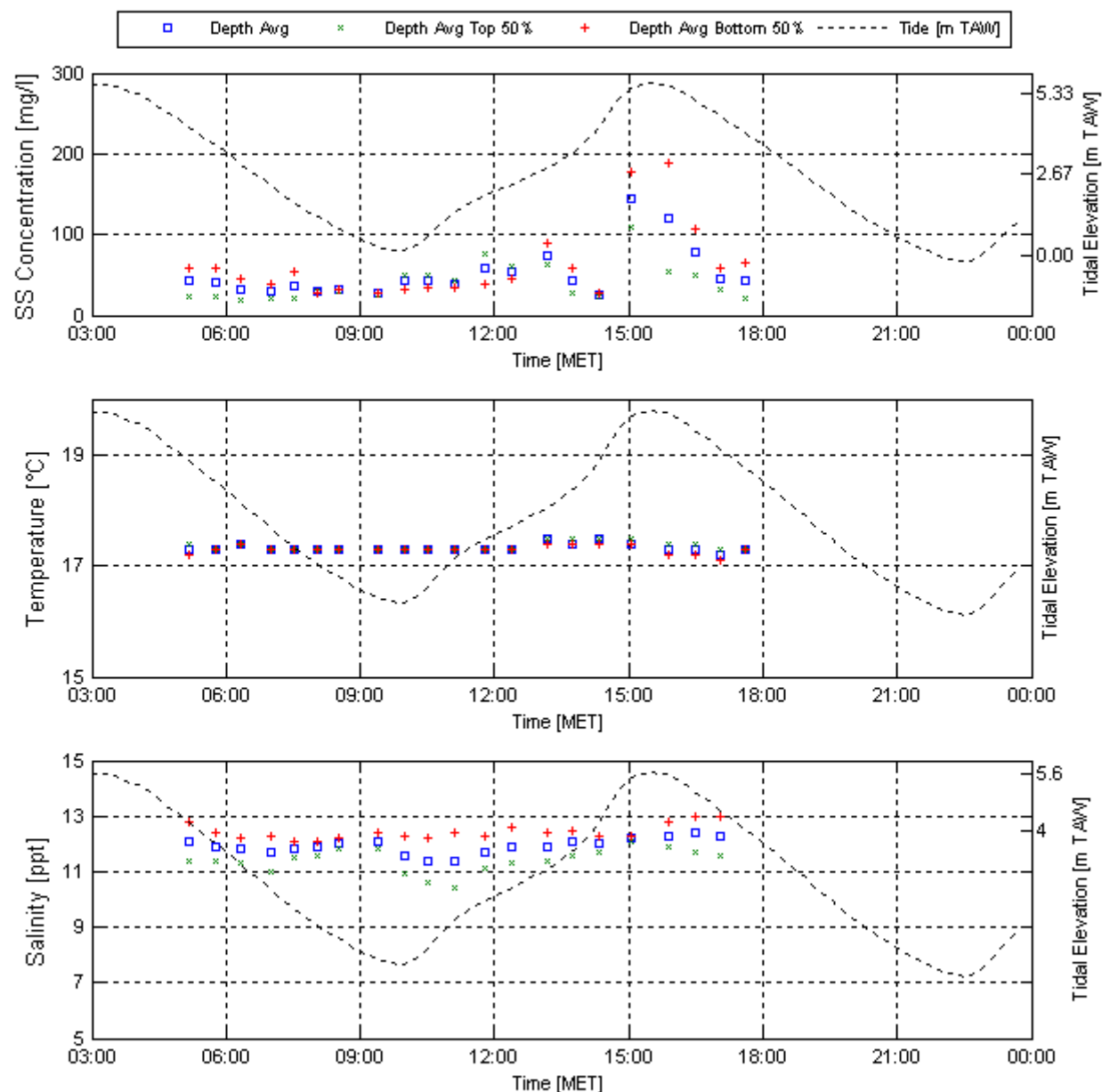
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Ya



Date :

29-Sep-2008

Data Processed by 

In association with :  IMDC

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

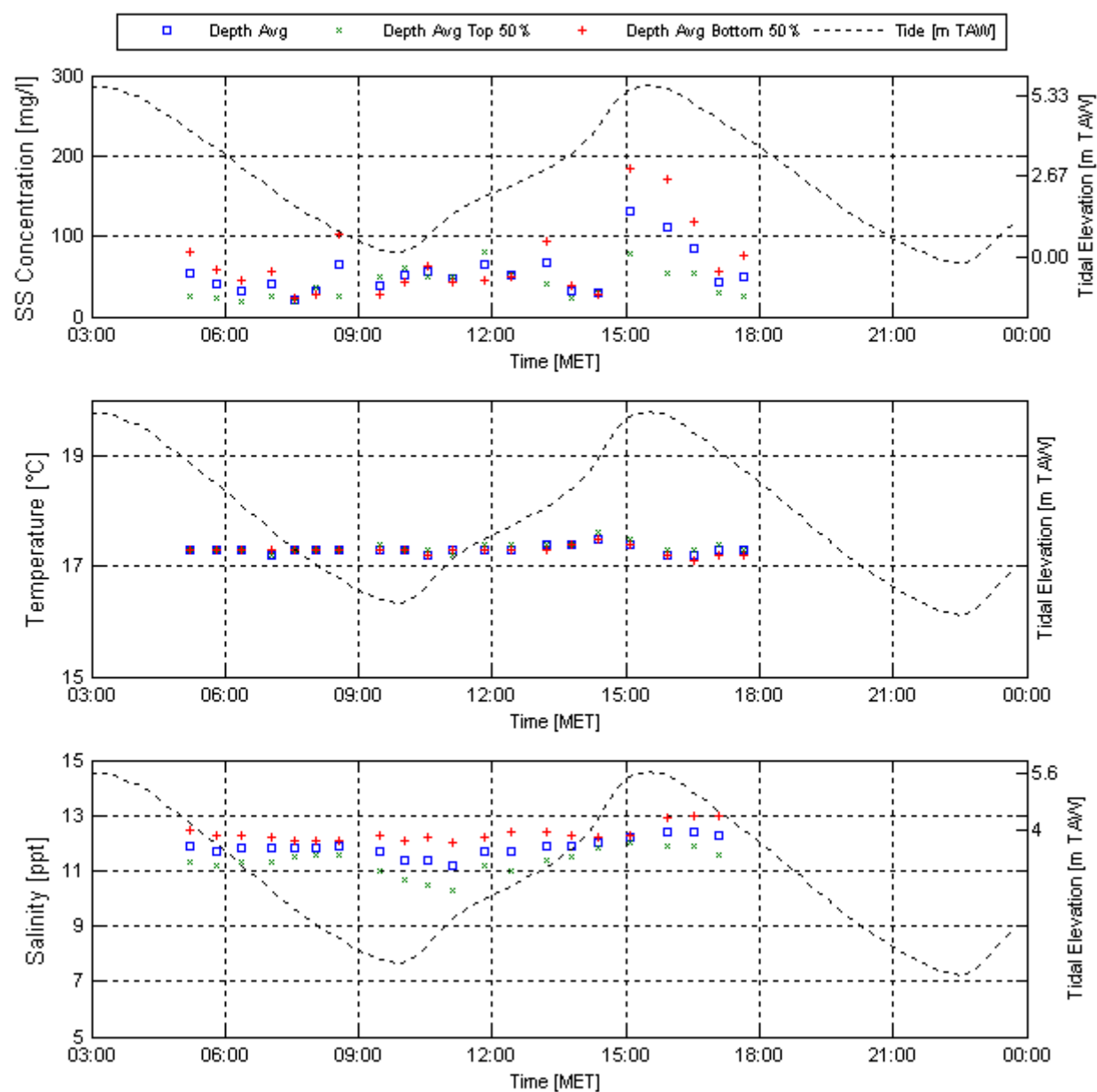
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Yb



Date :

29-Sep-2008

Data Processed by 

In association with :  IMDC

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

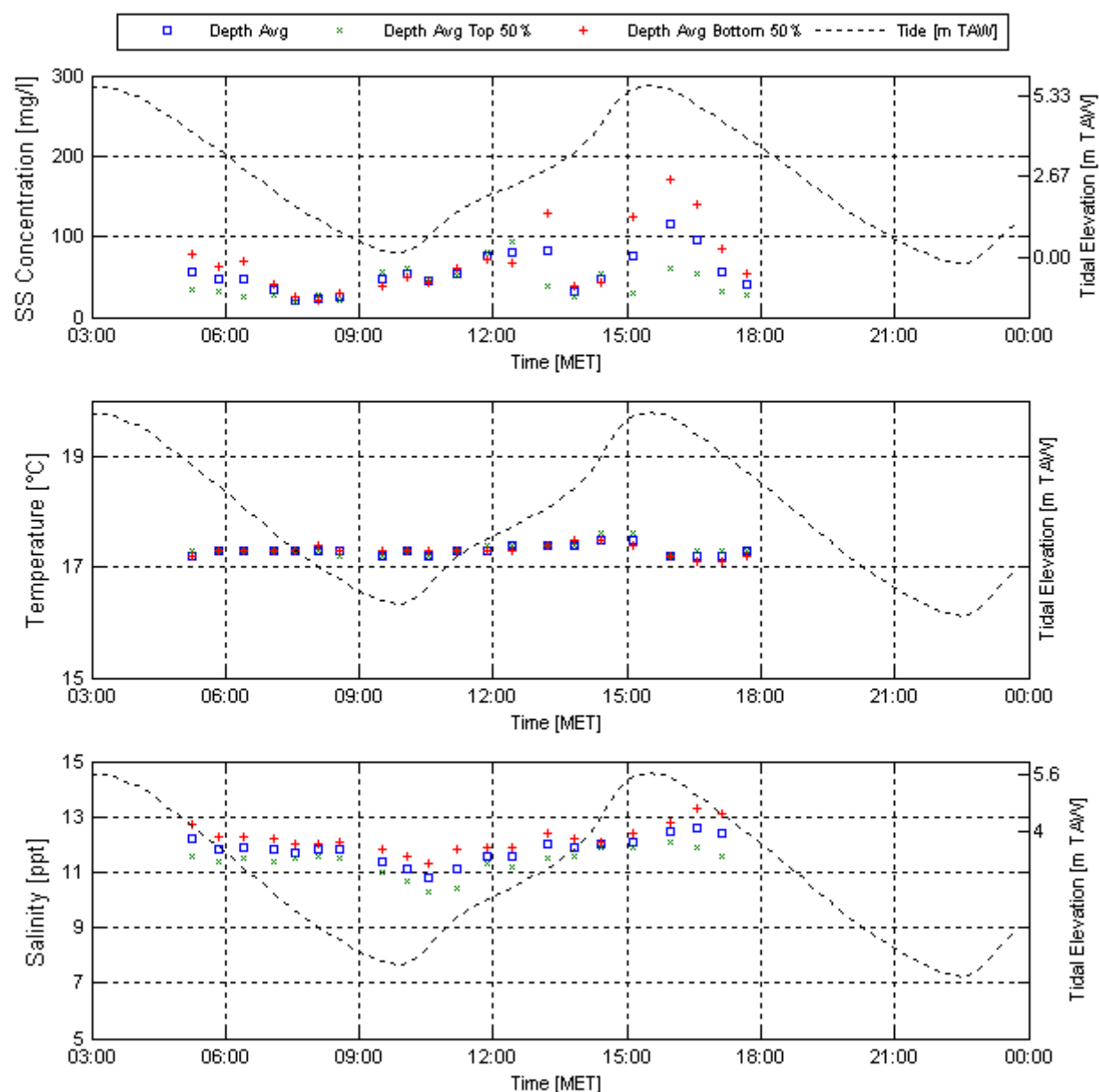
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Yc



Date :

29-Sep-2008

Data Processed by 

In association with :  IMDC

IRA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

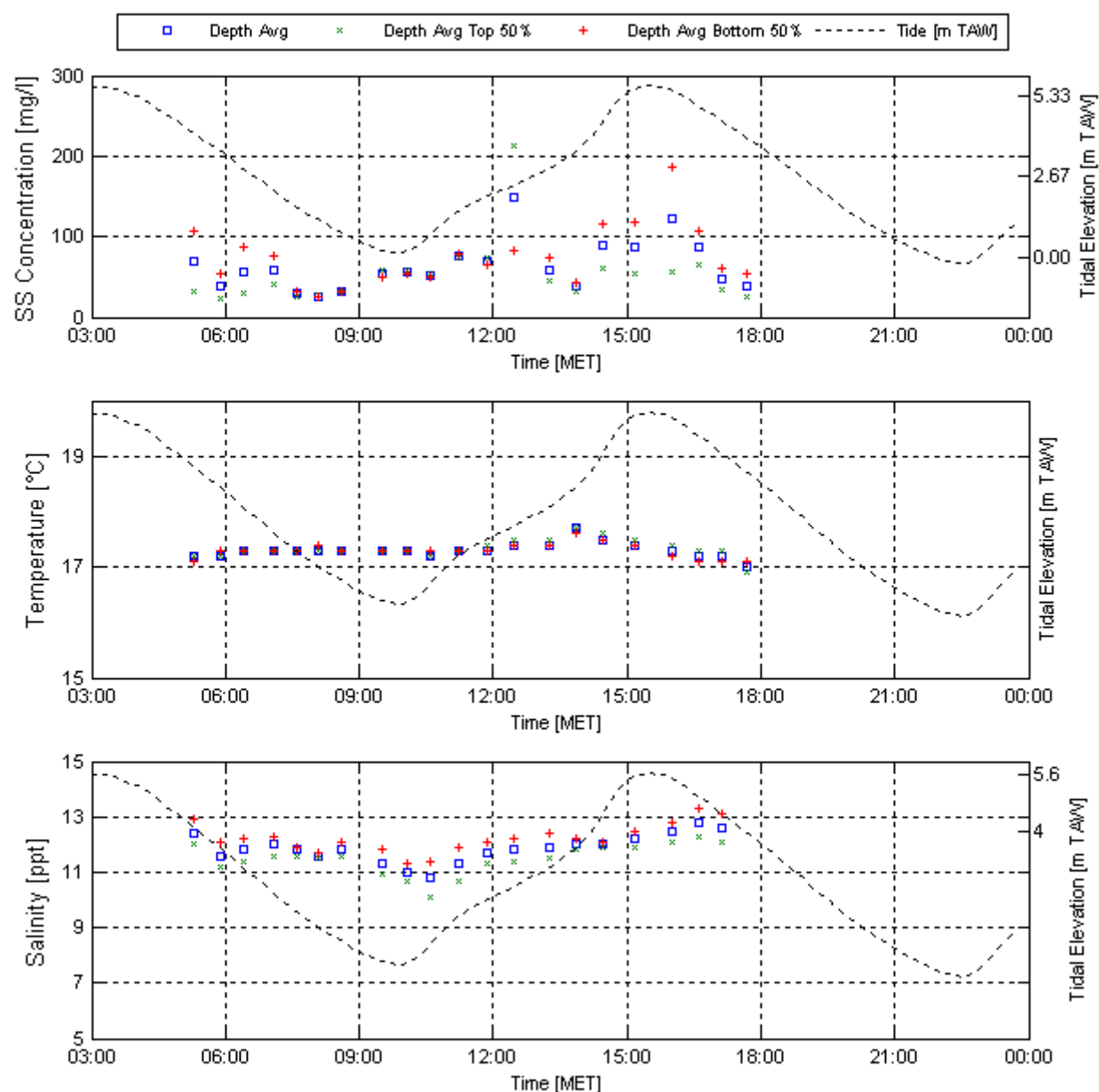
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Yd



Date :

29-Sep-2008

Data Processed by 

In association with : 

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

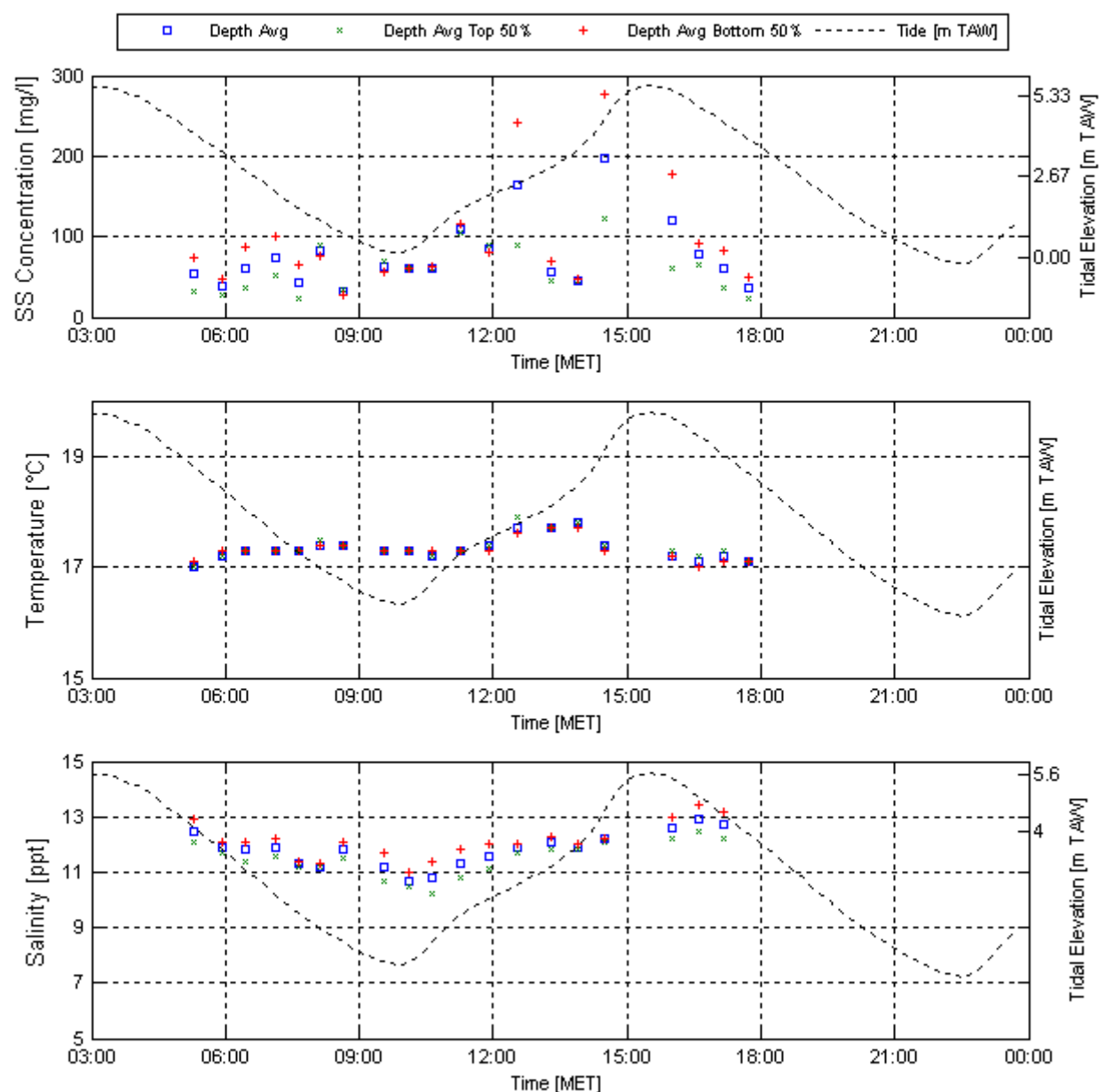
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Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Ye



Date :

29-Sep-2008

Data Processed by 

In association with :  

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

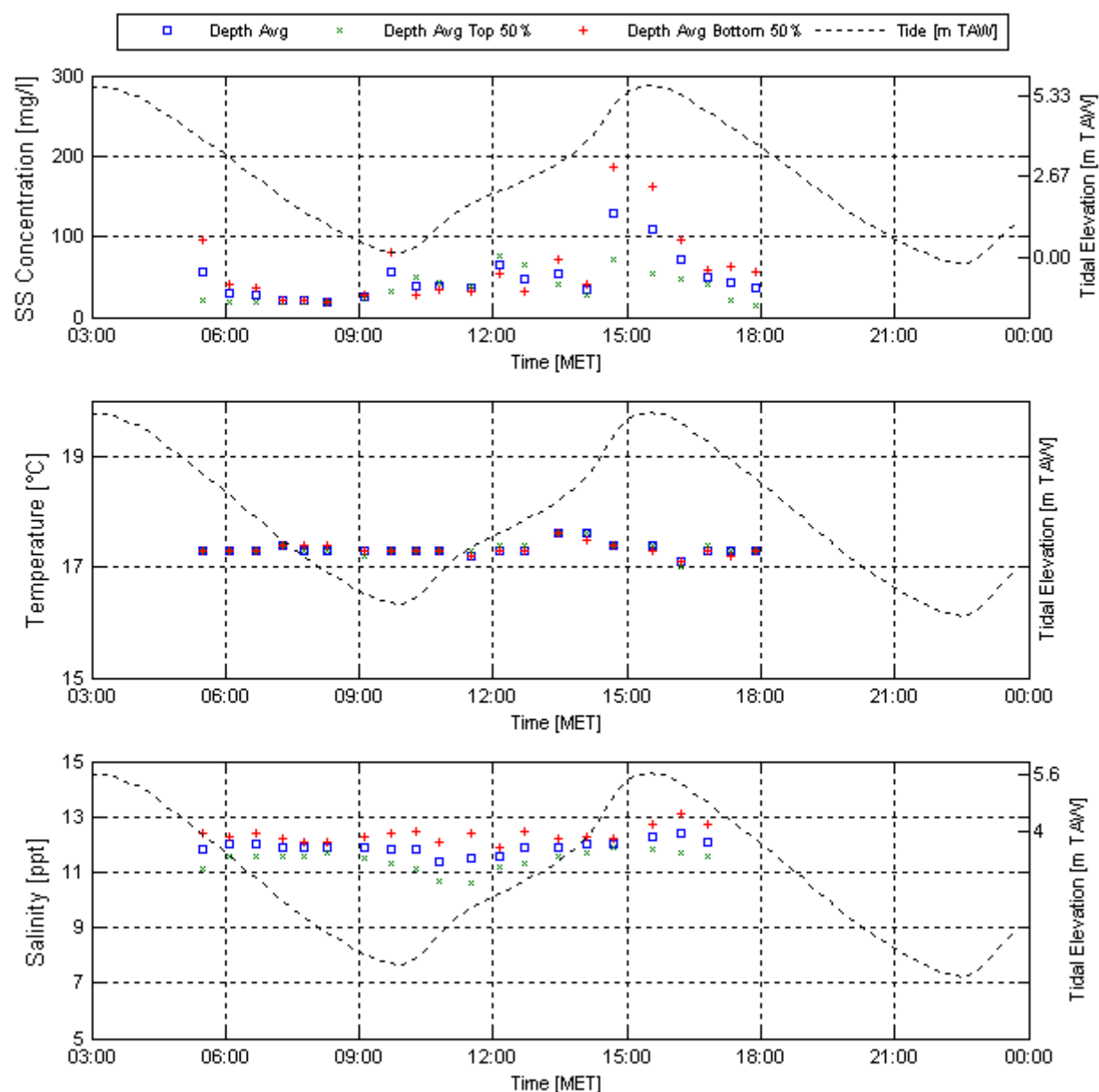
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Za



Date :

29-Sep-2008

Data Processed by  IMDC

In association with :  Hydrographic Institute

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

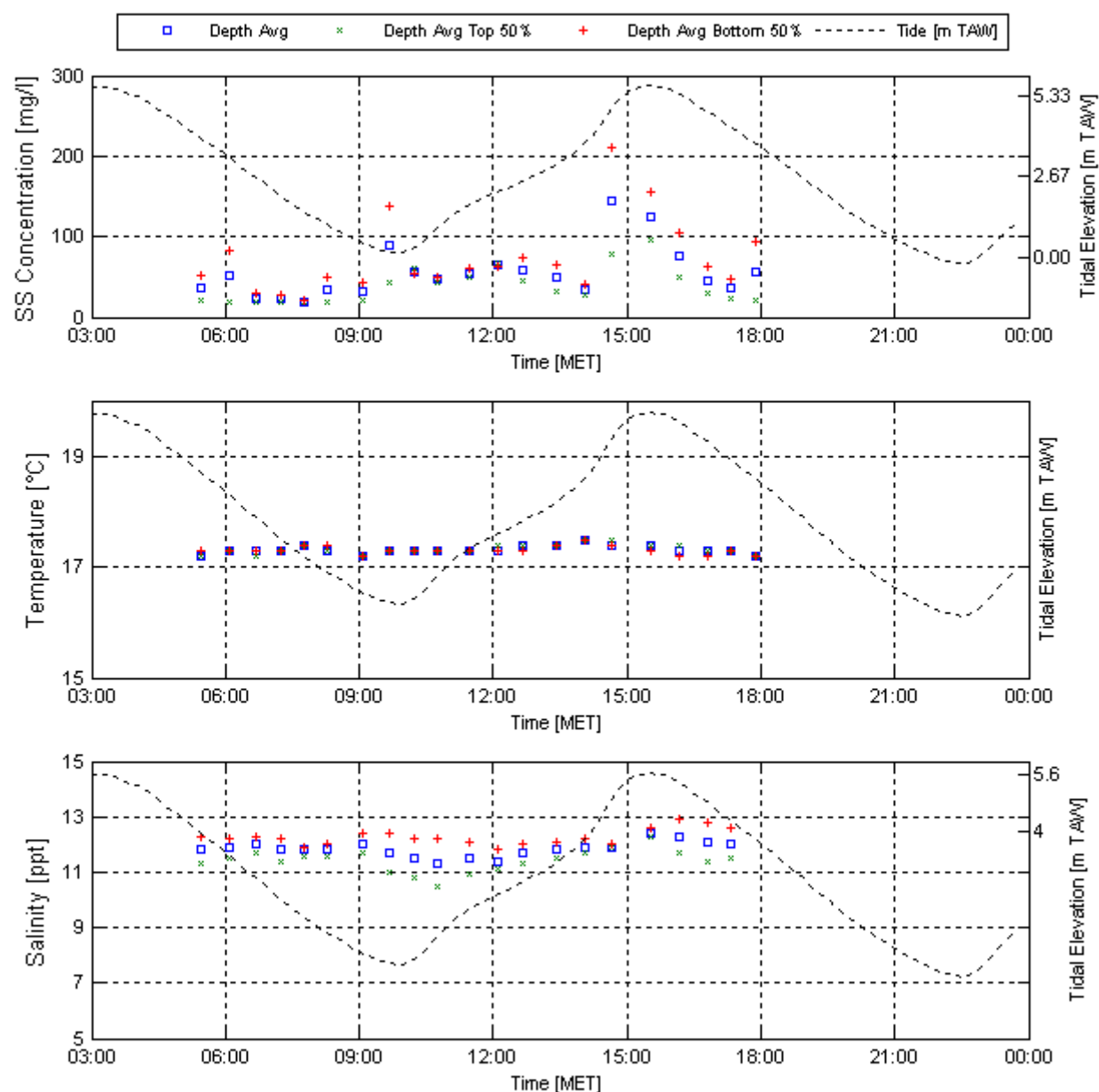
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Zb



Date :

29-Sep-2008

Data Processed by 

In association with :  IMDC

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

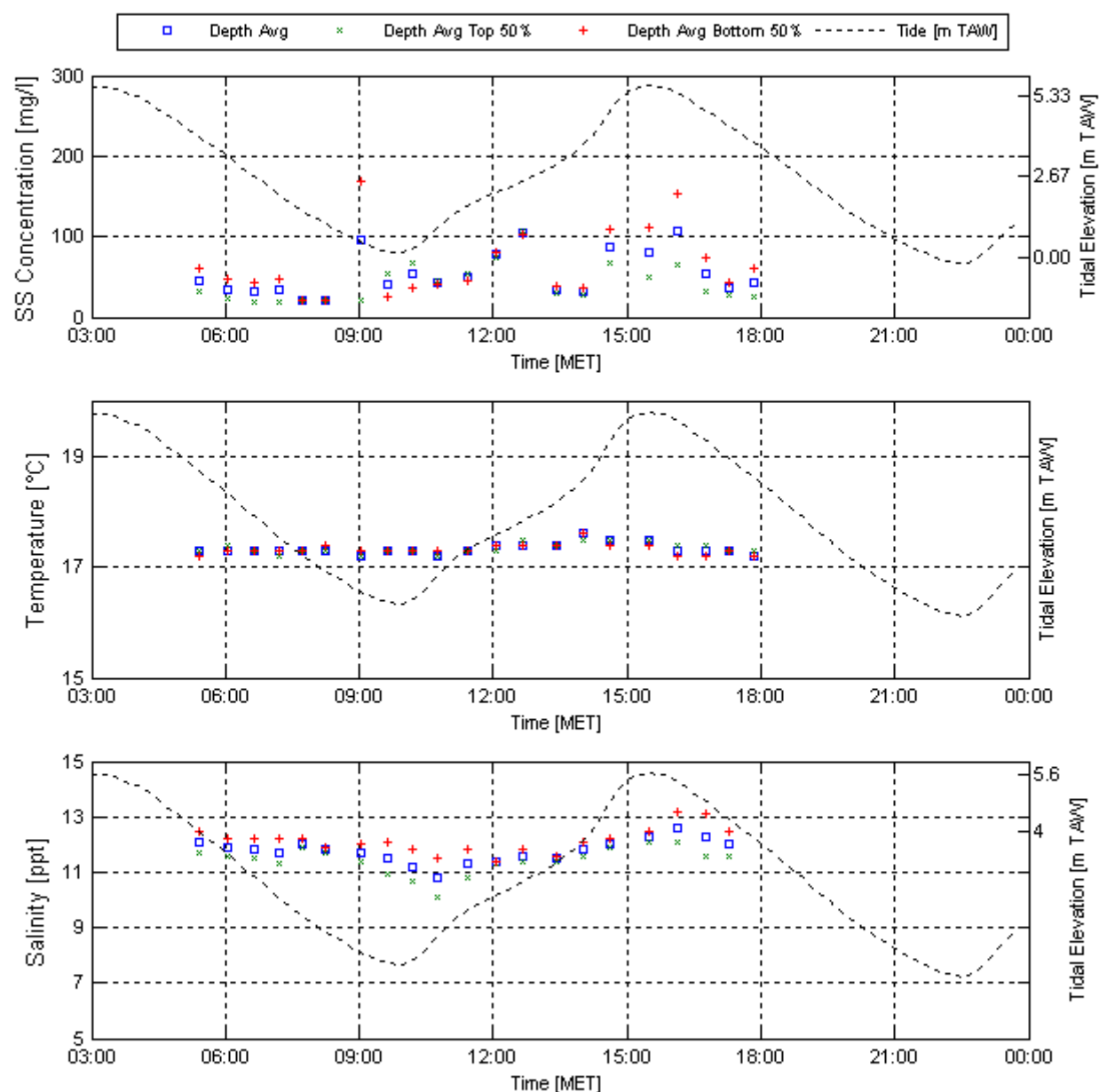
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Zc



Date :

29-Sep-2008

Data Processed by 

In association with :  

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

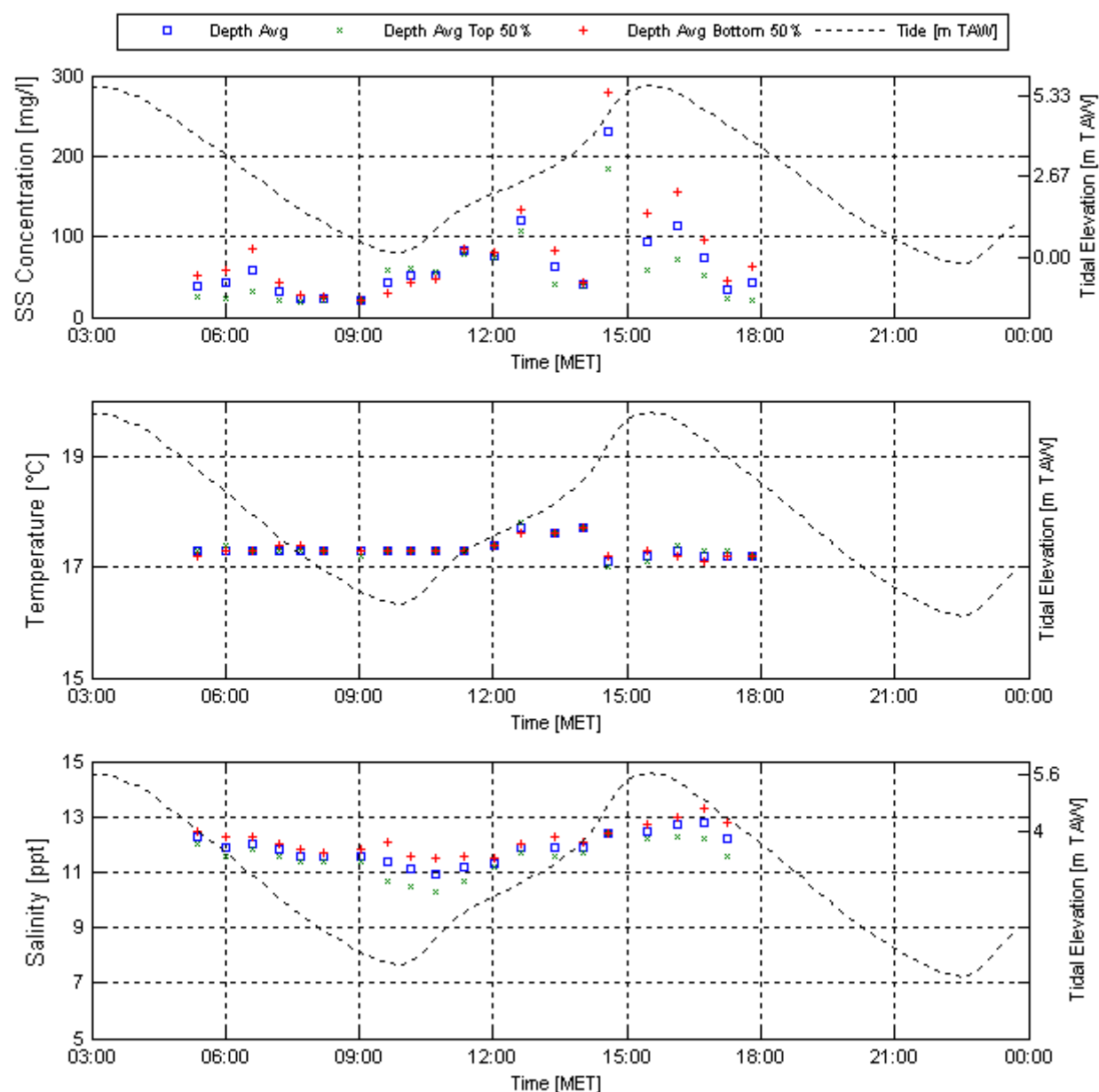
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Zd



Date :

29-Sep-2008

Data Processed by 

In association with: 

I/RA/11283/08.090/MSA

Through tide measurements Siltprofiler DGD Summer 2008

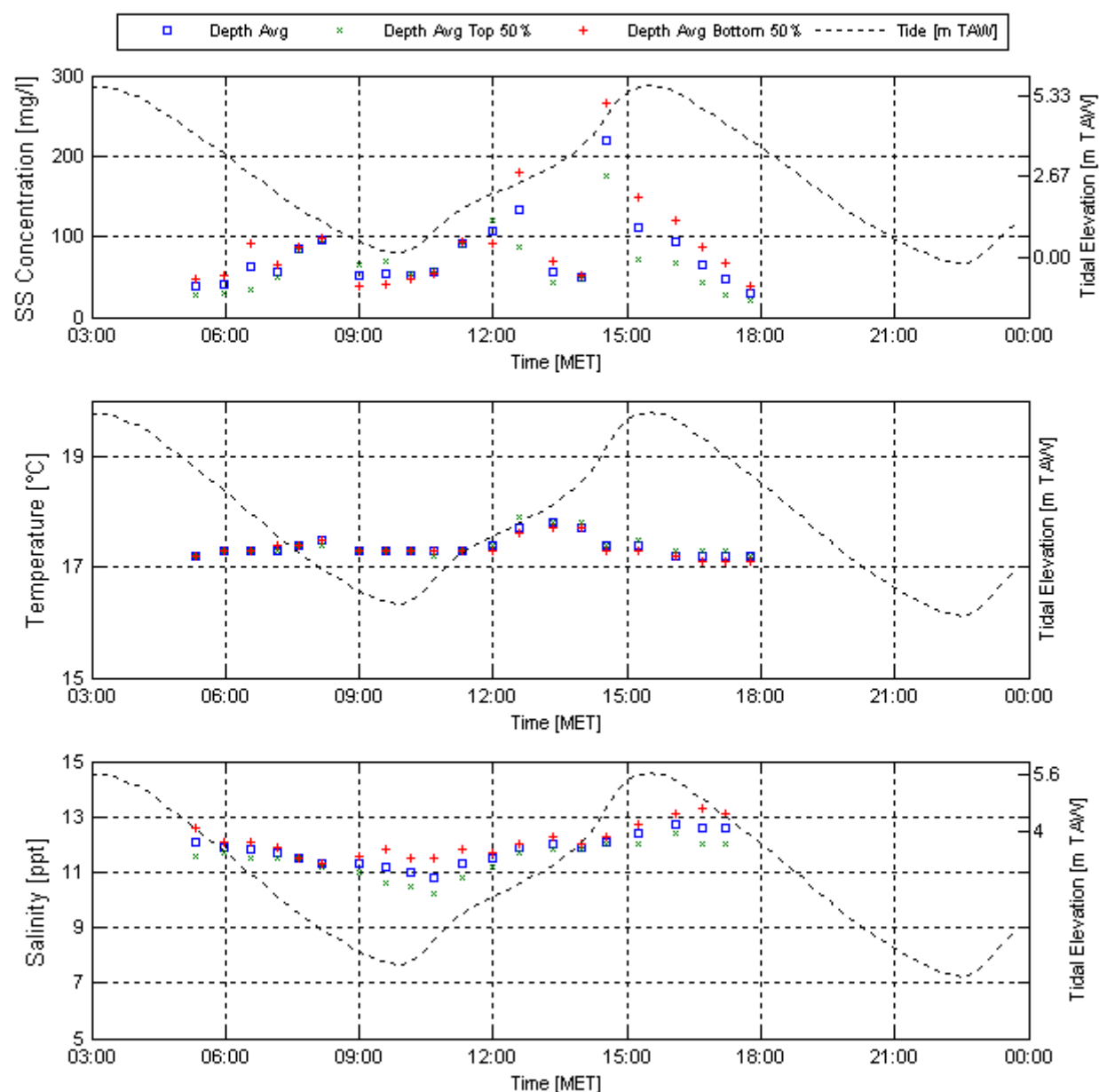
11283

Equipment(s):

Siltprofiler & CTD-Diver

Location:

Deurganckdok - Ze



Date :

29-Sep-2008

Data Processed by 

In association with :  IMDC

IRA/11283/08.090/MSA

APPENDIX H. TIMESERIES

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

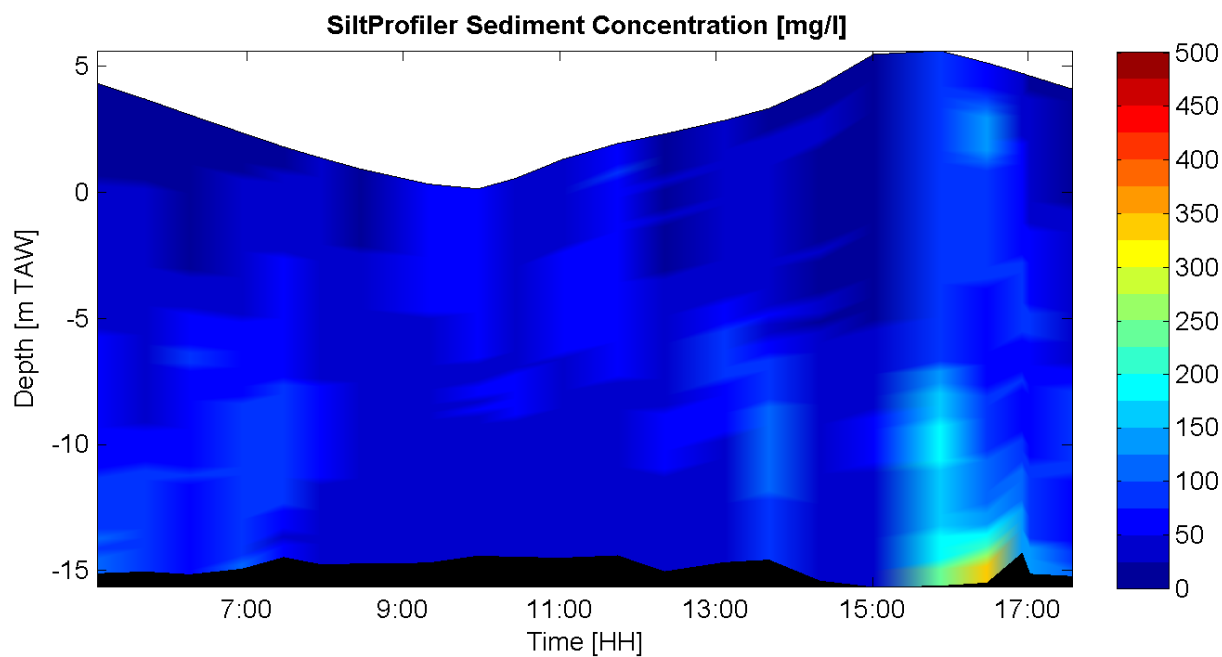
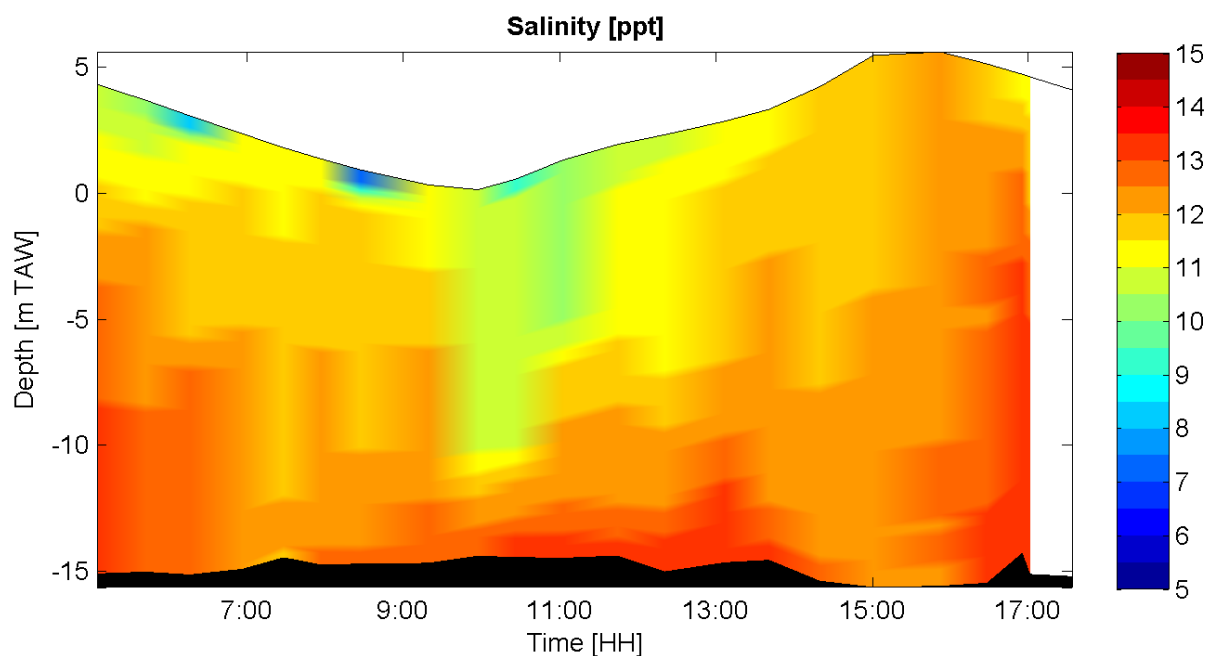
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*.sil

Location:

Deurganckdok-Xa



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

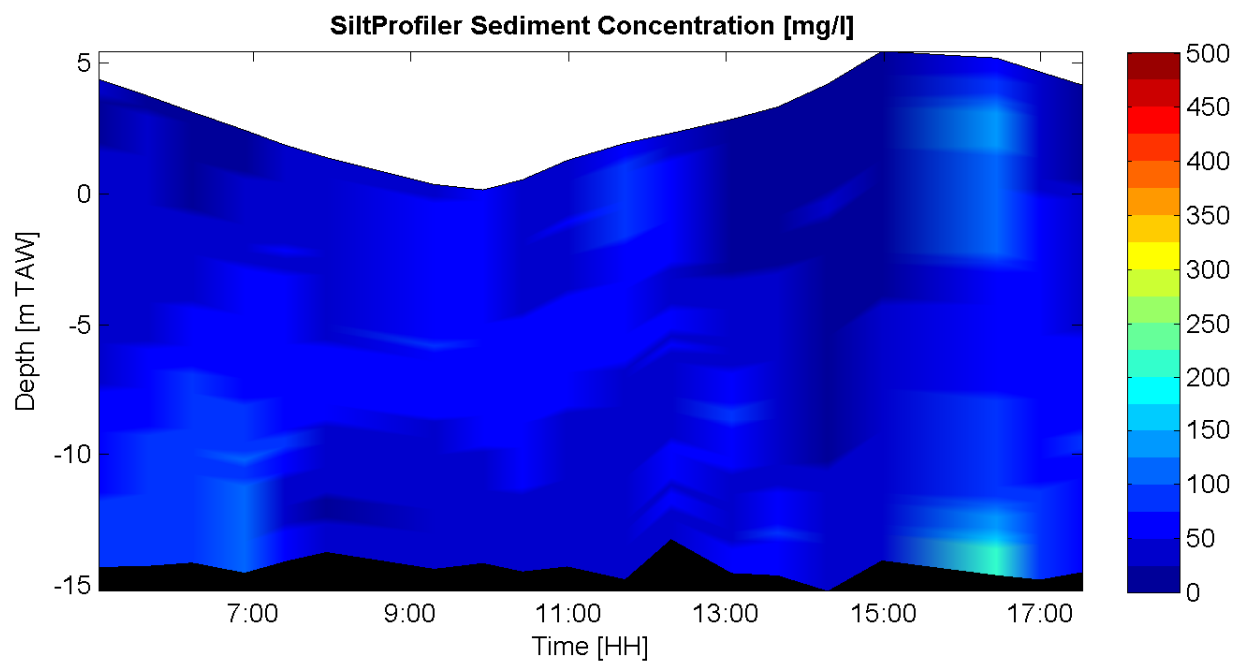
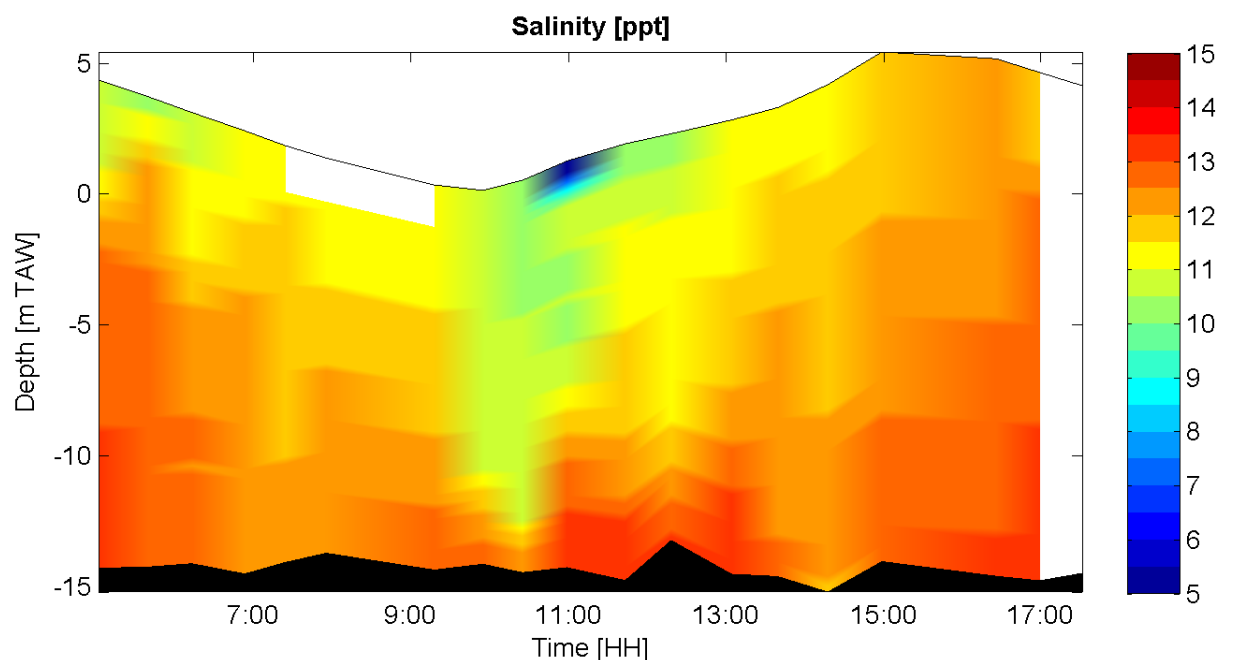
CTD-Diver & SiltProfiler

Sourcefile(s):

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Location:

Deurganckdok-Xb



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

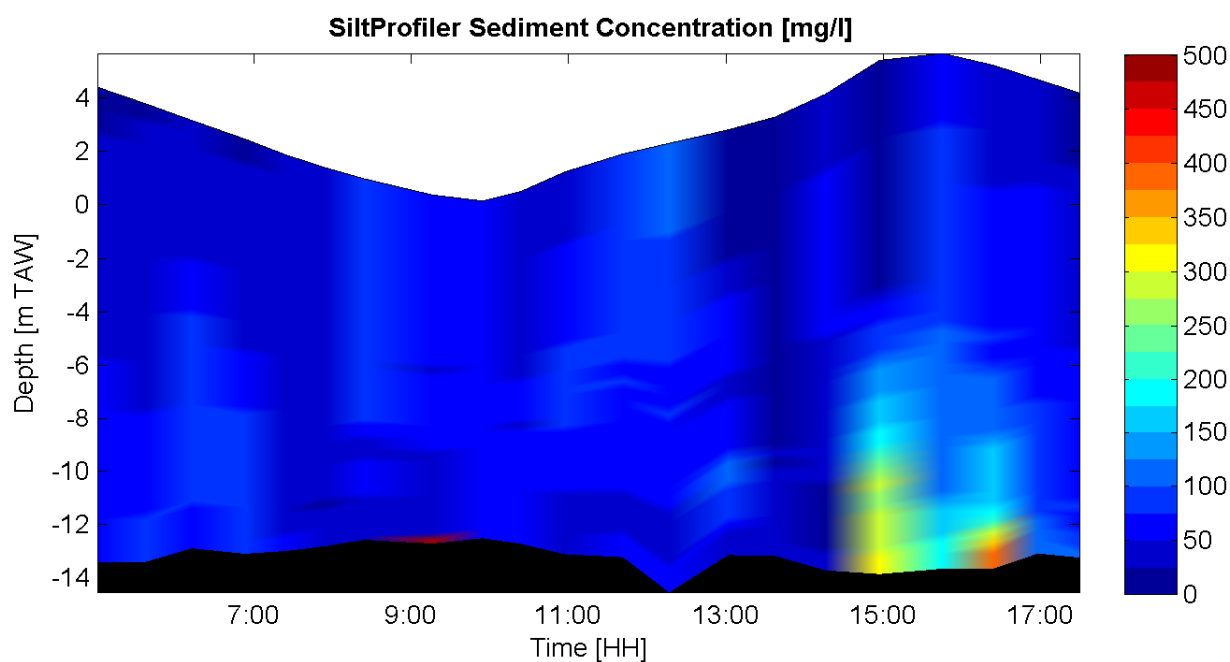
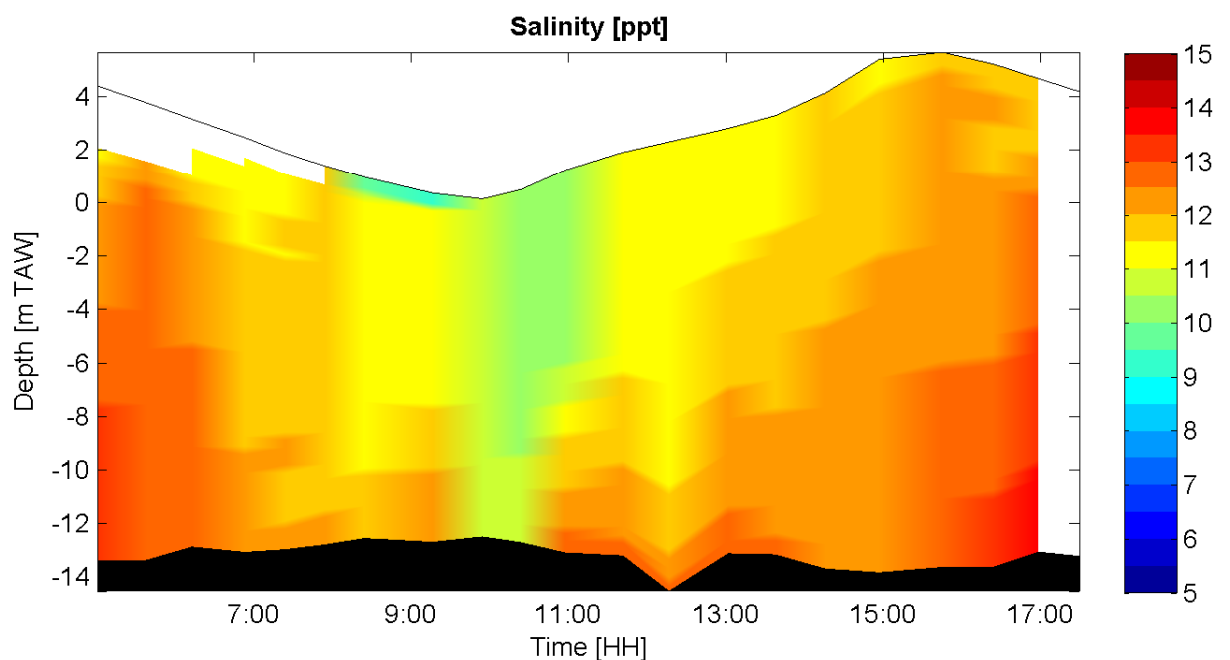
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Location:

Deurganckdok-Xc



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

CTD-Diver & SiltProfiler

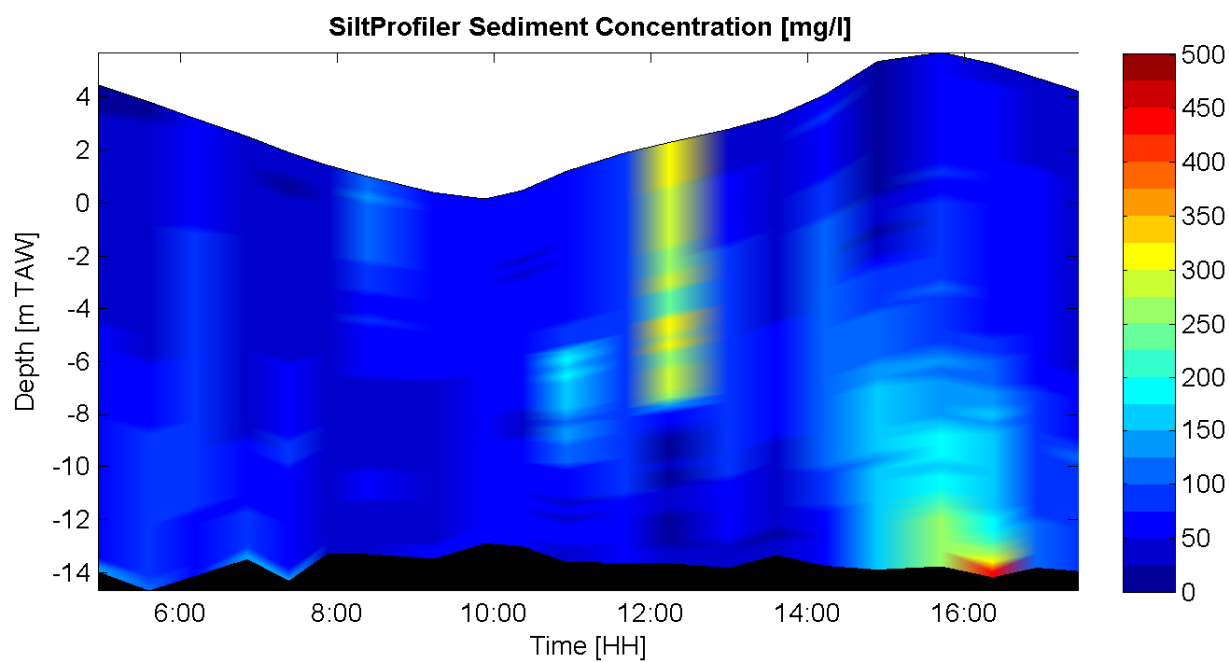
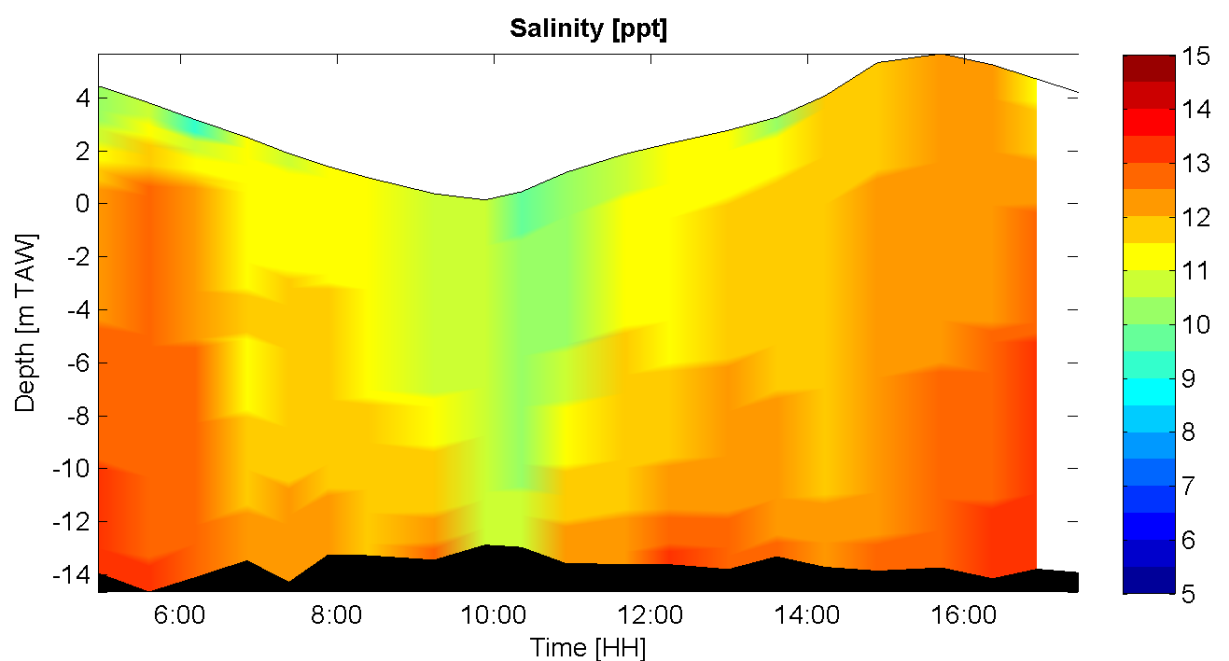
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Location:

Deurganckdok-Xd



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

CTD-Diver & SiltProfiler

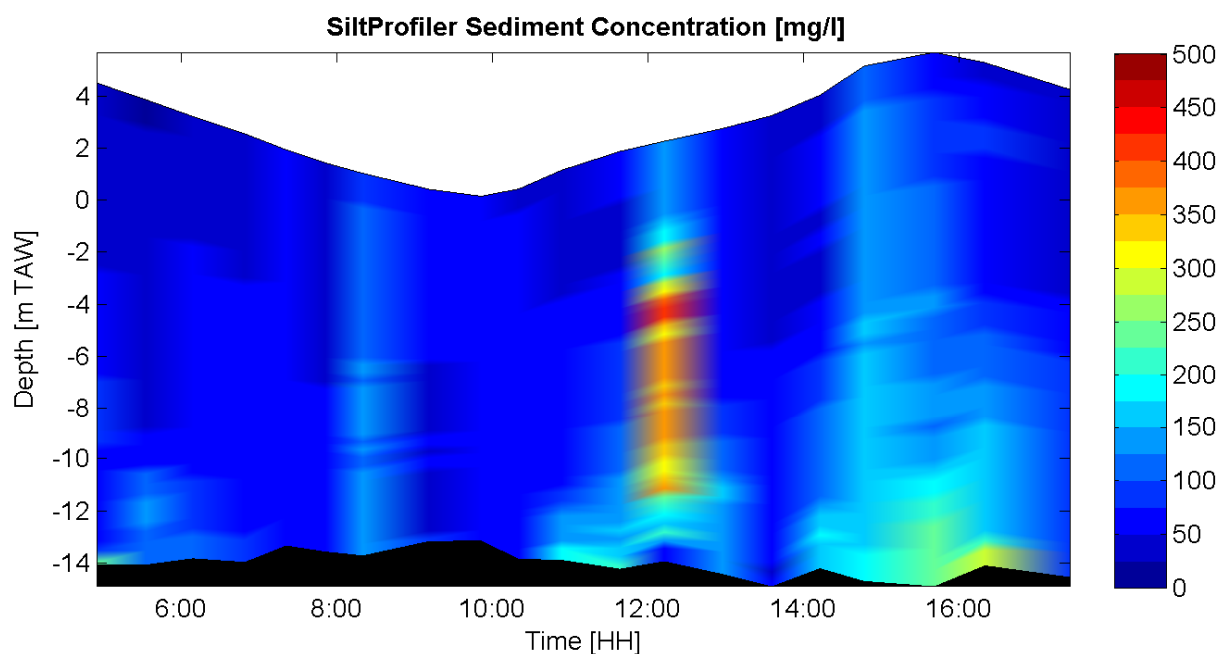
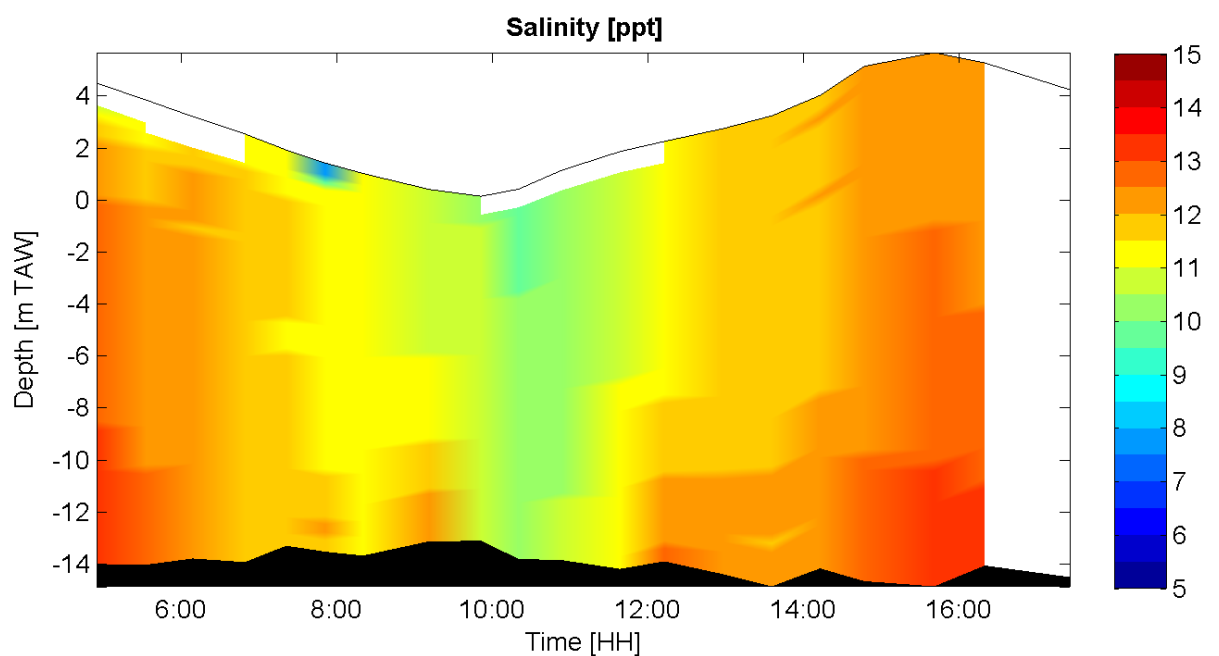
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Location:

Deurganckdok-Xe



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

CTD-Diver & SiltProfiler

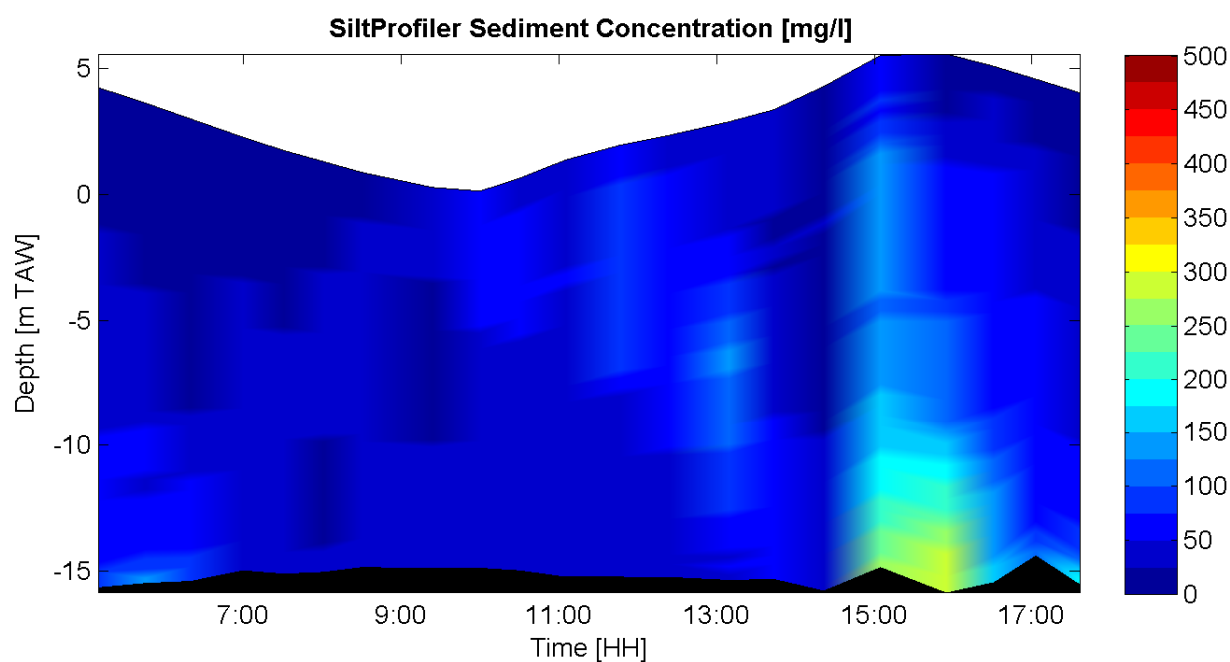
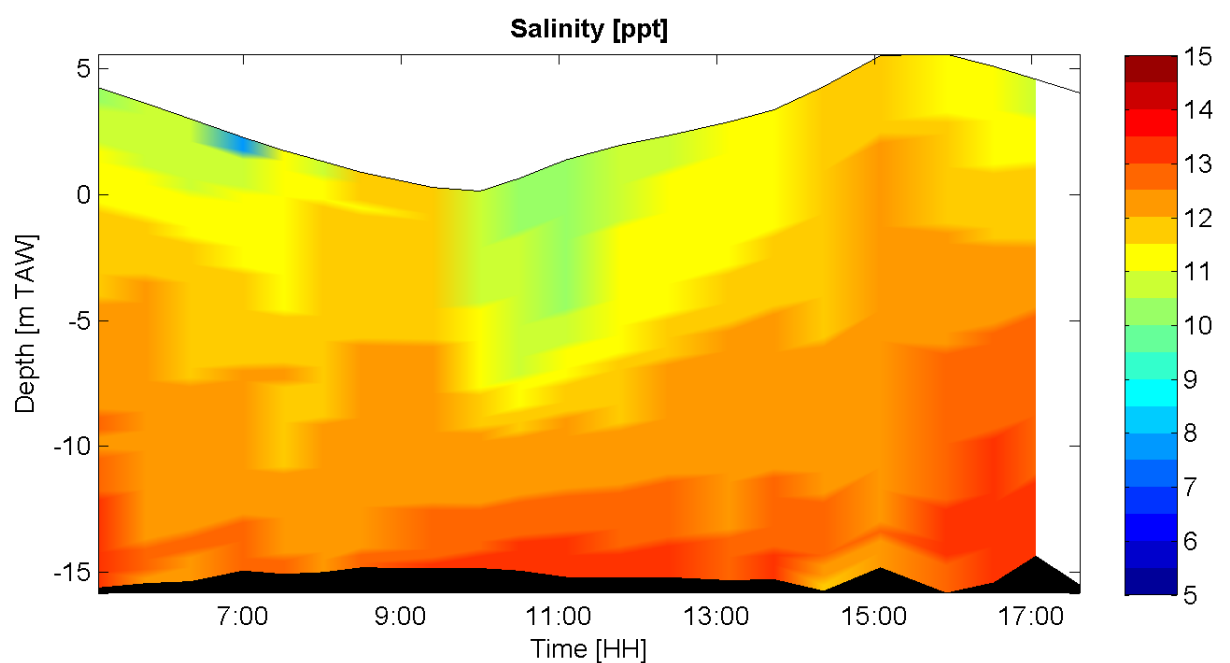
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Location:

Deurganckdok-Ya



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

CTD-Diver & SiltProfiler

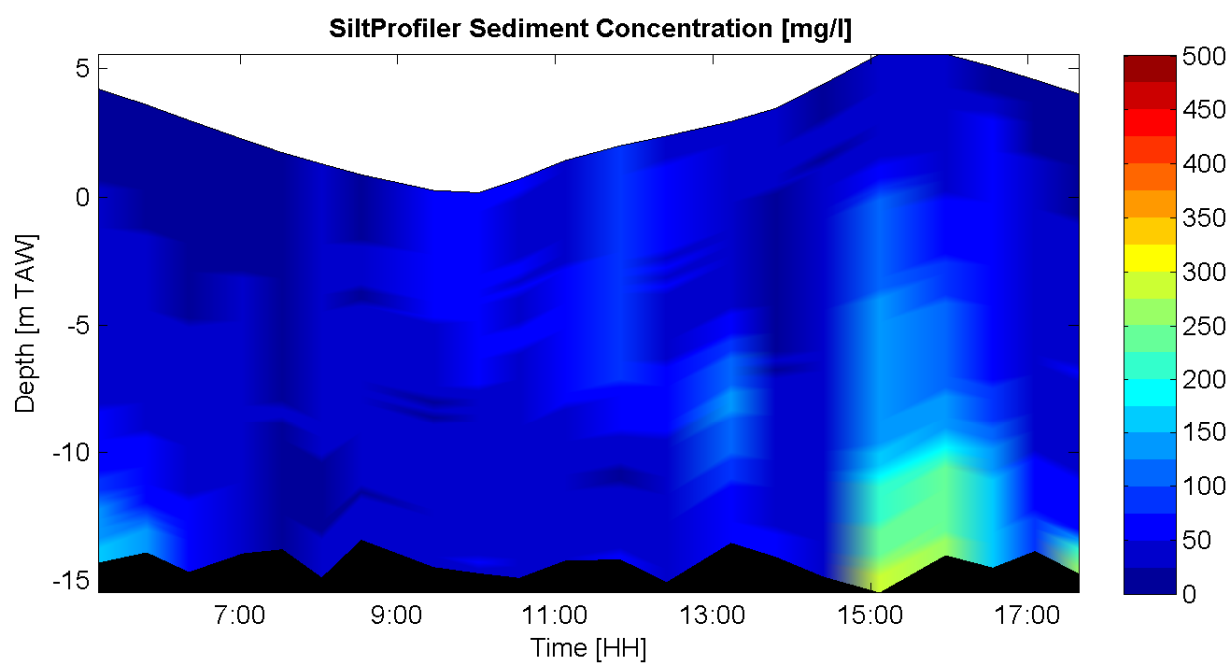
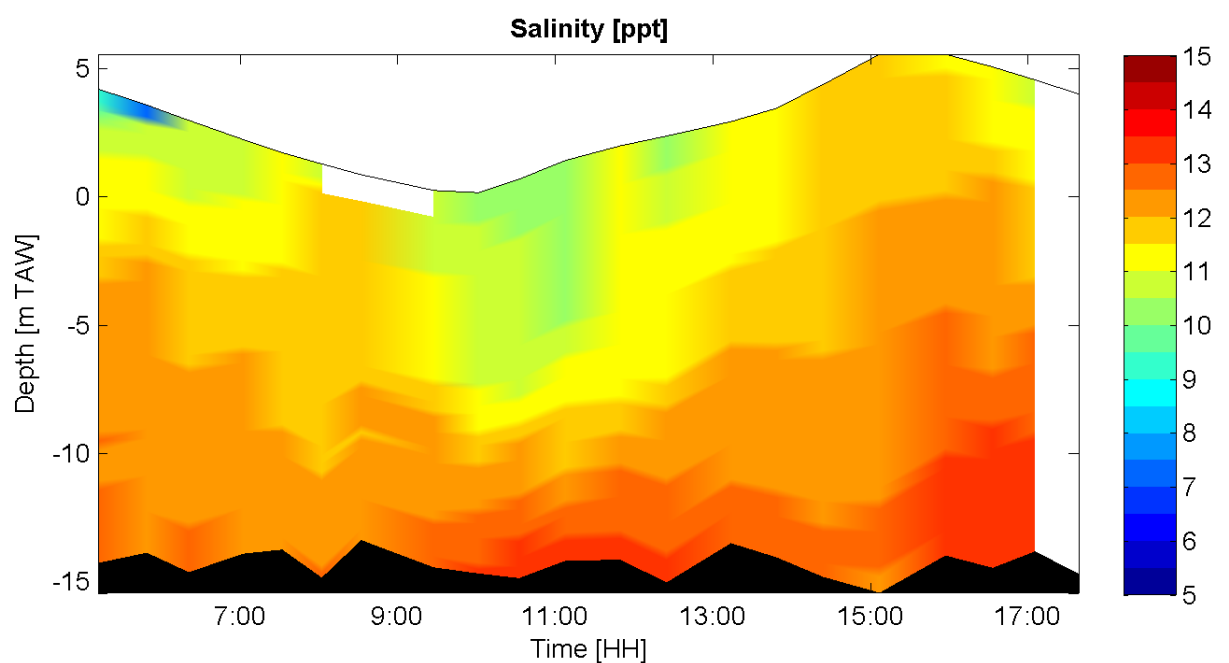
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*.sil

Location:

Deurganckdok-Yb



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

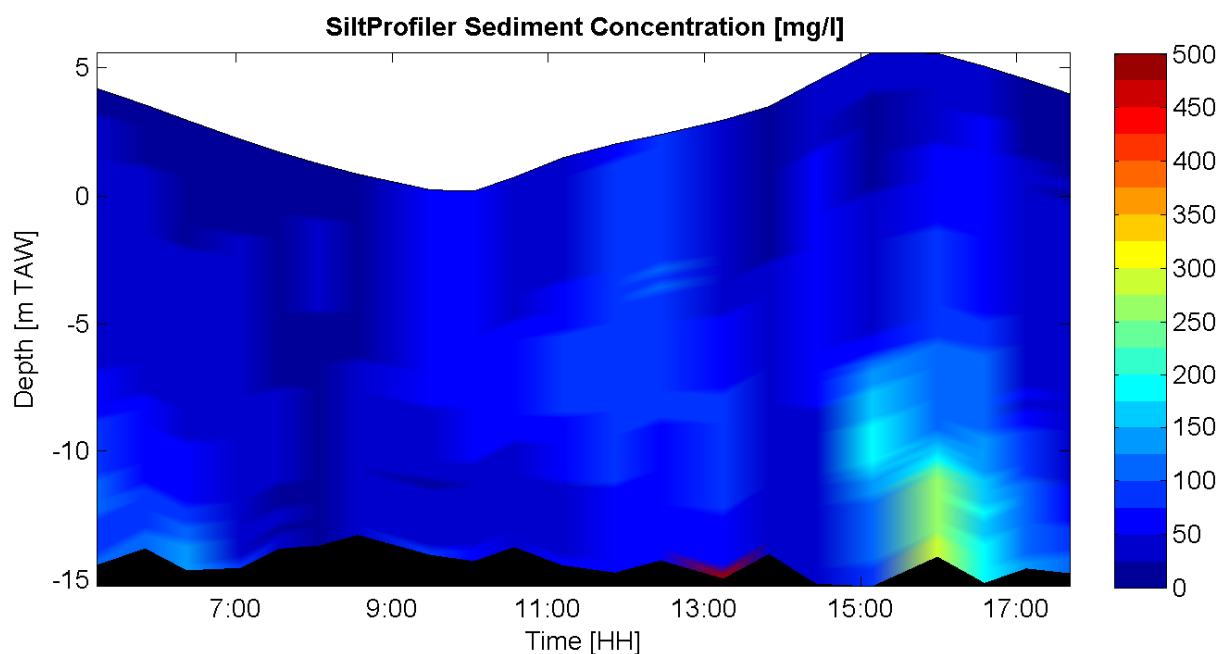
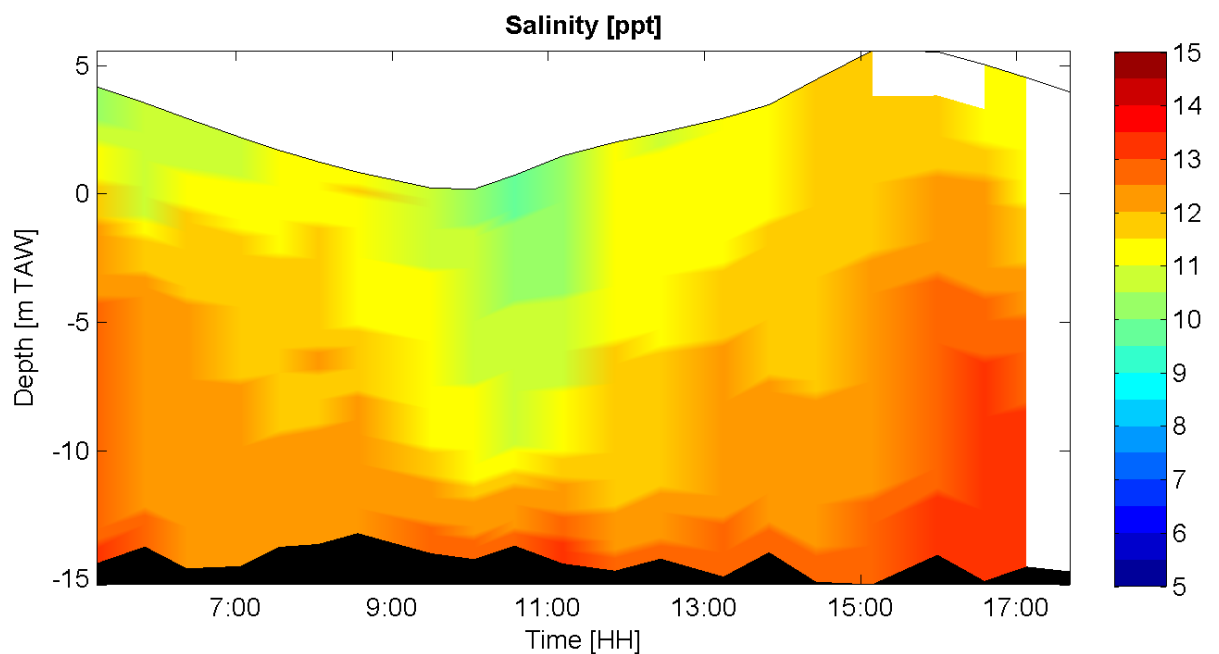
CTD-Diver & SiltProfiler

Sourcefile(s):

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*.sil

Location:

Deurganckdok-Yc



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

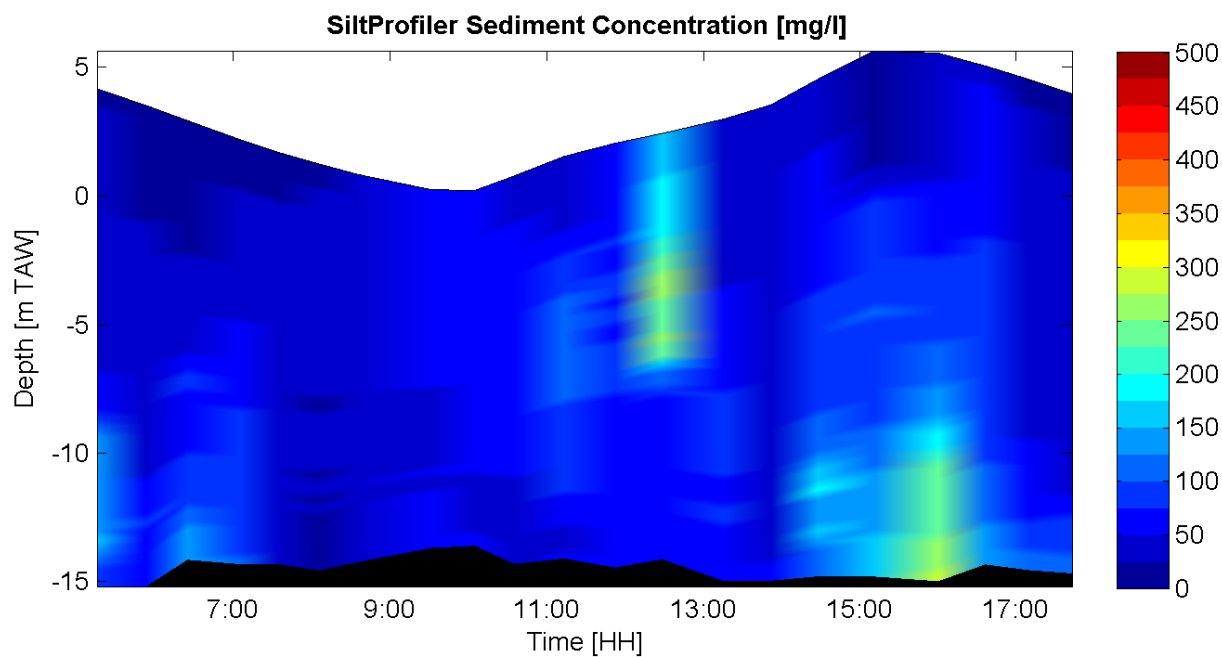
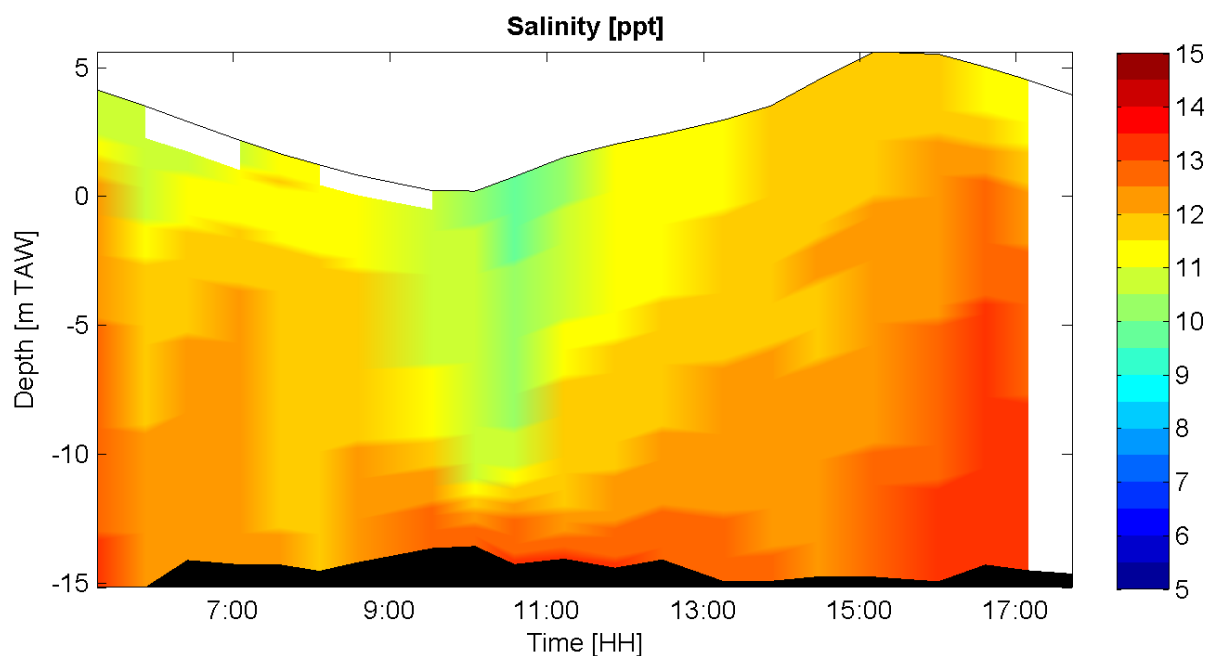
CTD-Diver & SiltProfiler

Sourcefile(s):

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*.sil

Location:

Deurganckdok-Yd



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

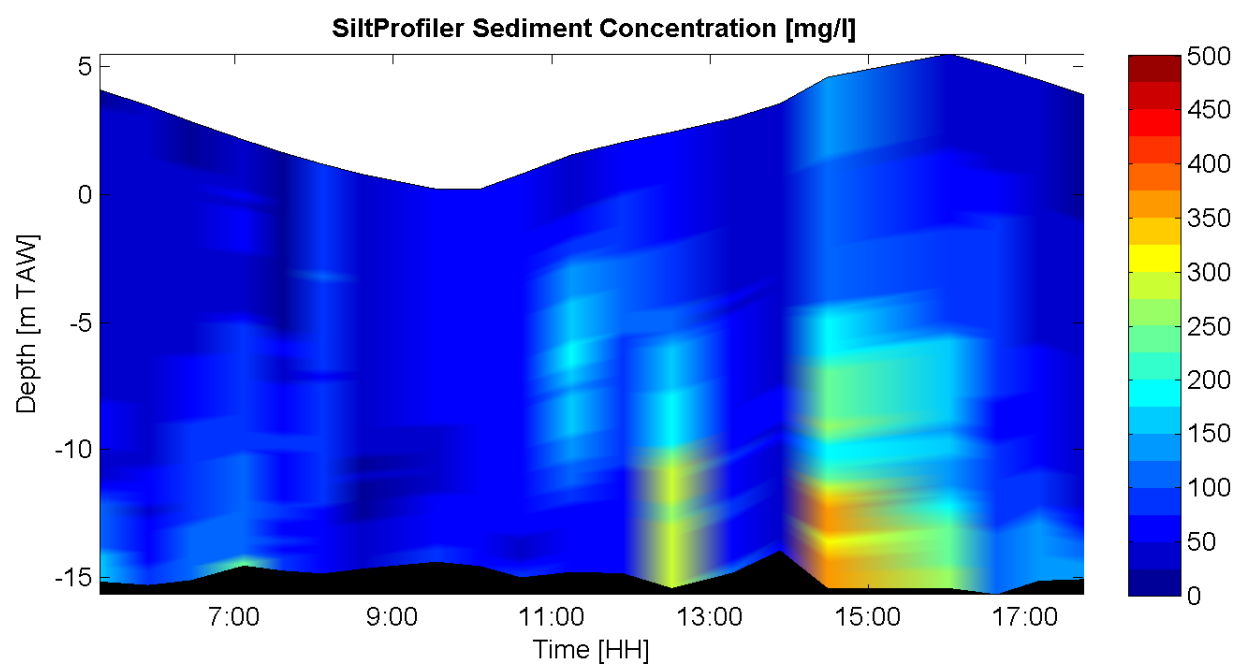
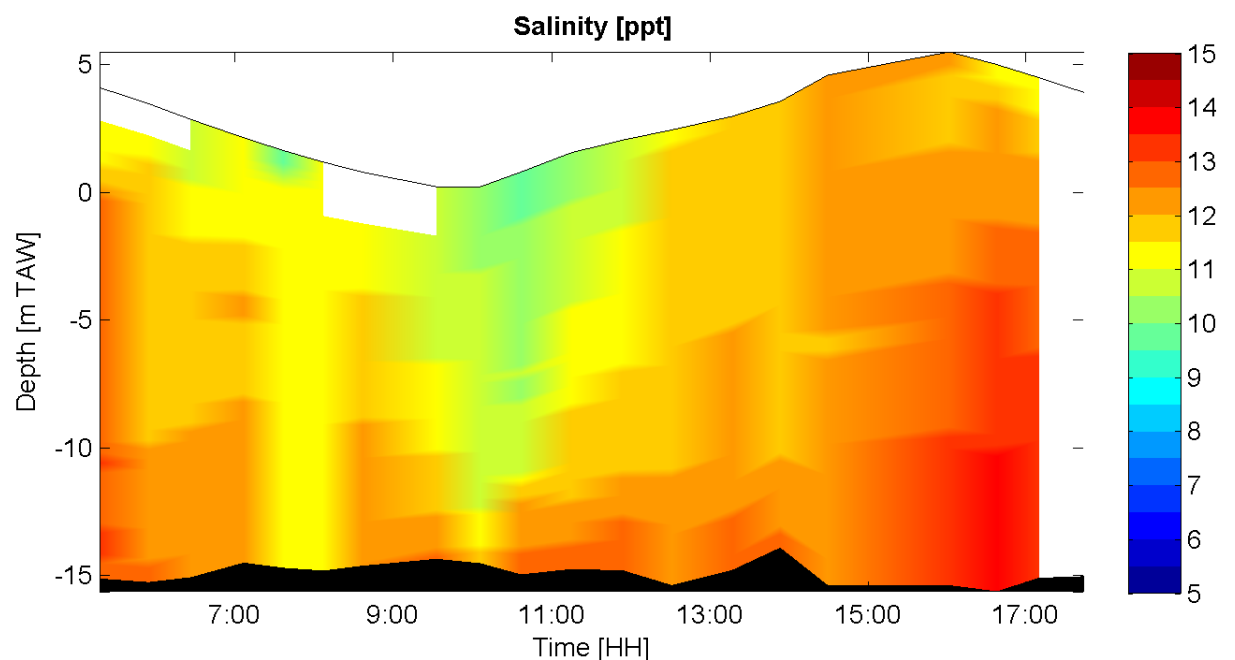
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Ye



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

CTD-Diver & SiltProfiler

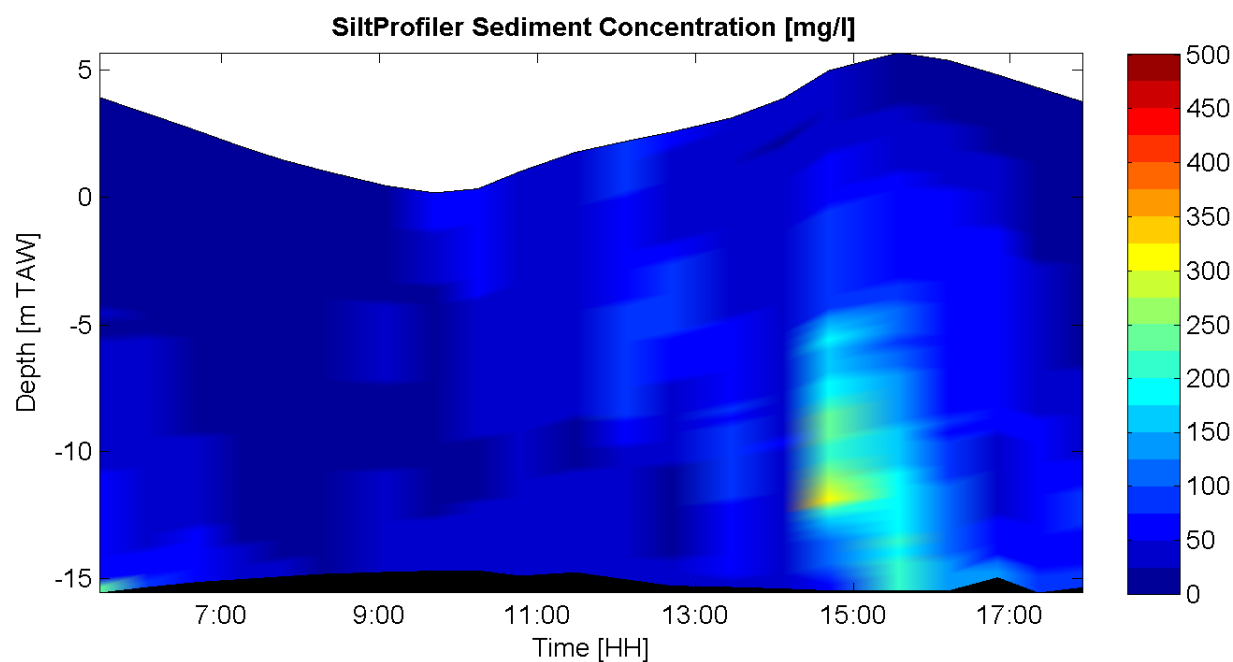
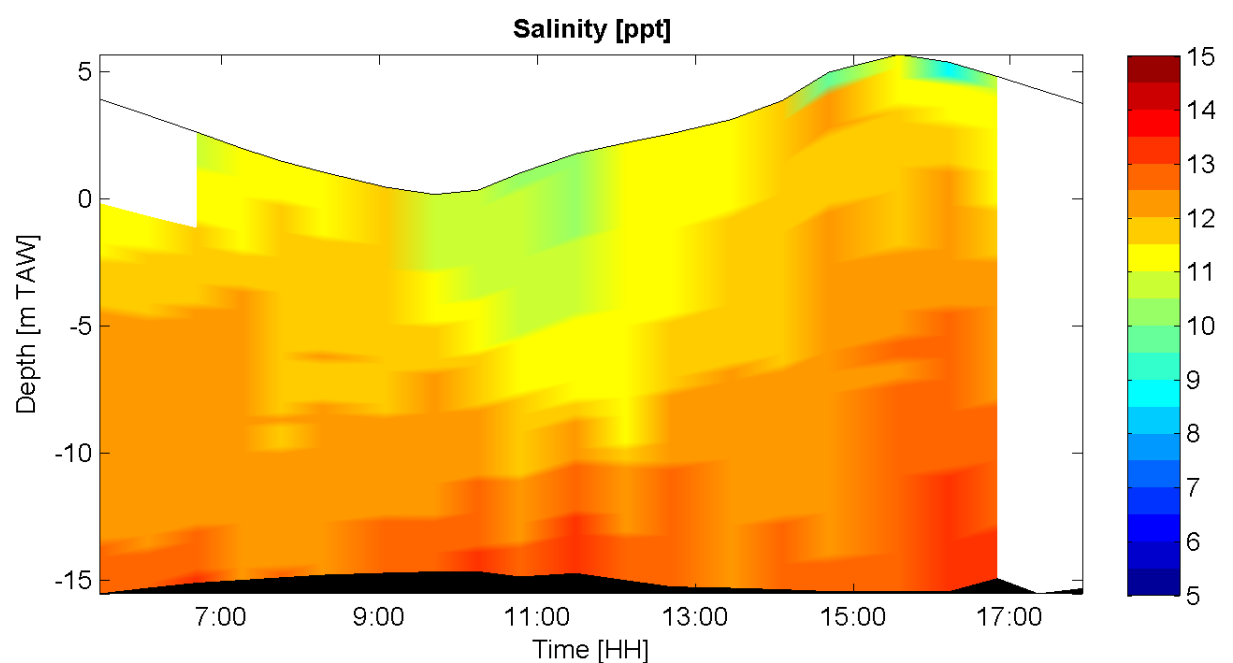
Sourcefile(s):

*.sil

*.sil

Location:

Deurganckdok-Za



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

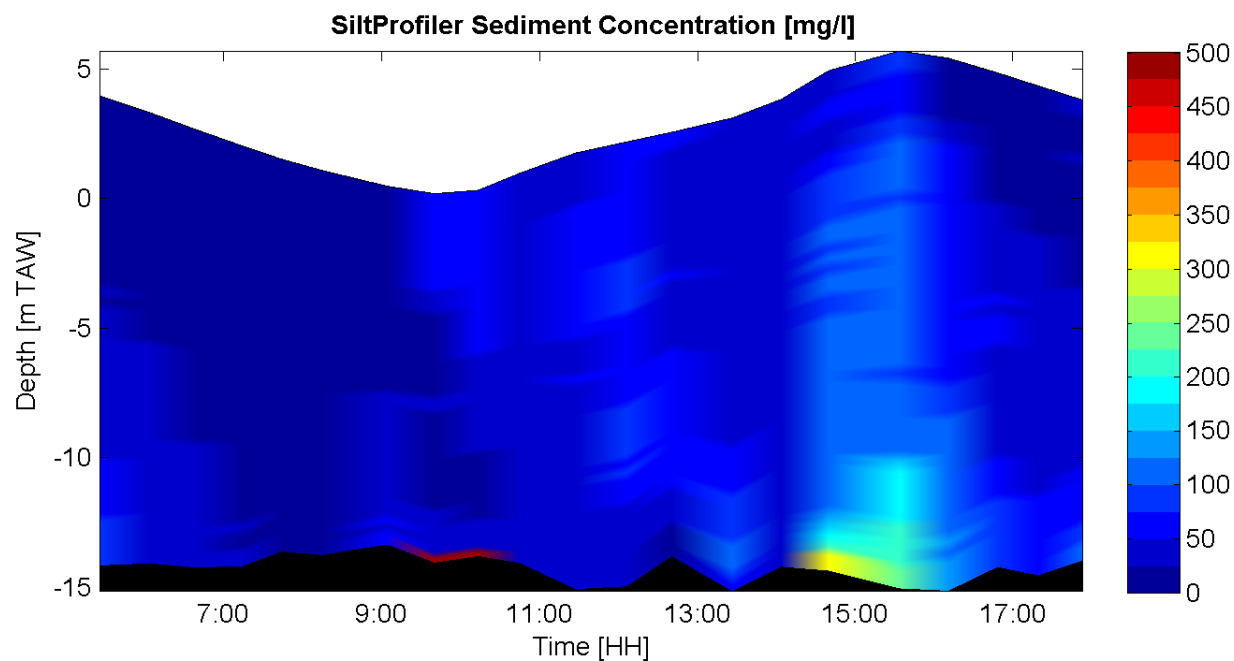
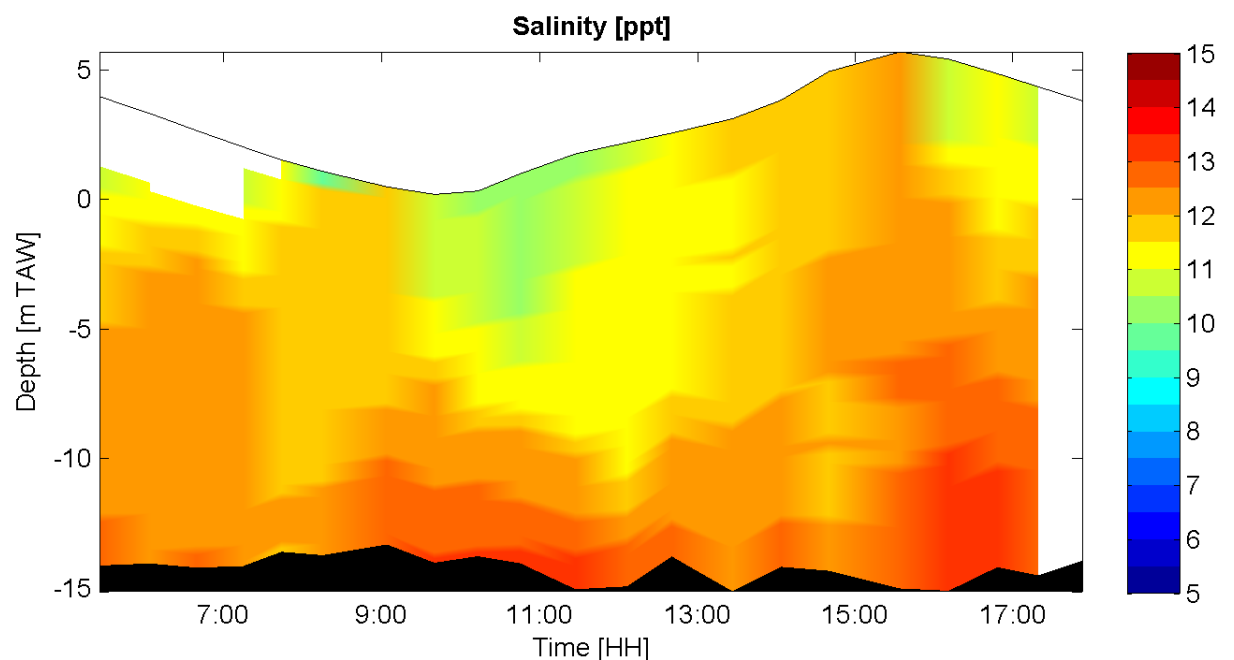
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Zb



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

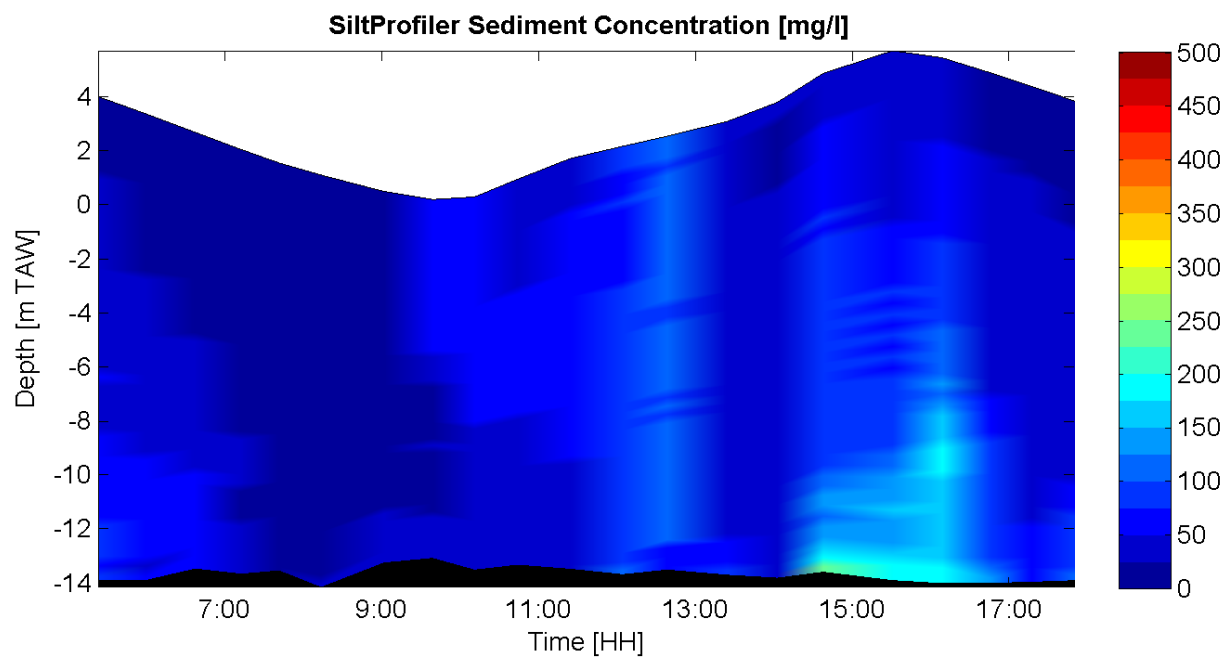
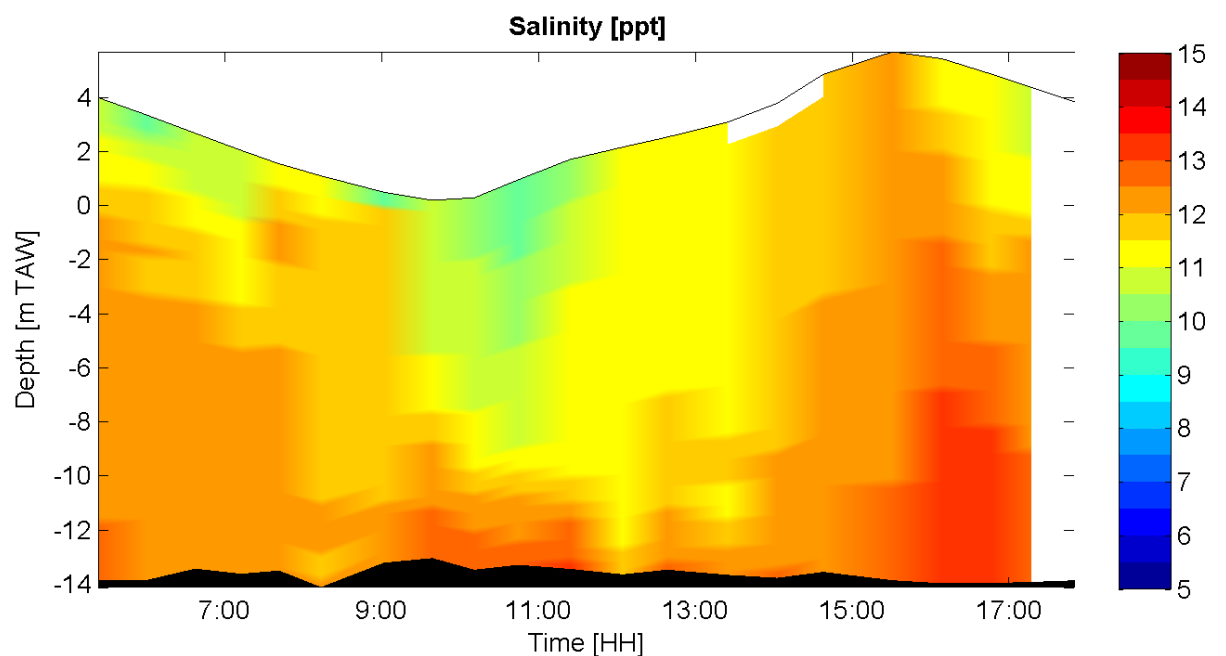
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Zc



Date :

29-Sep-2008

Data Processed by: 
In association with: 

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

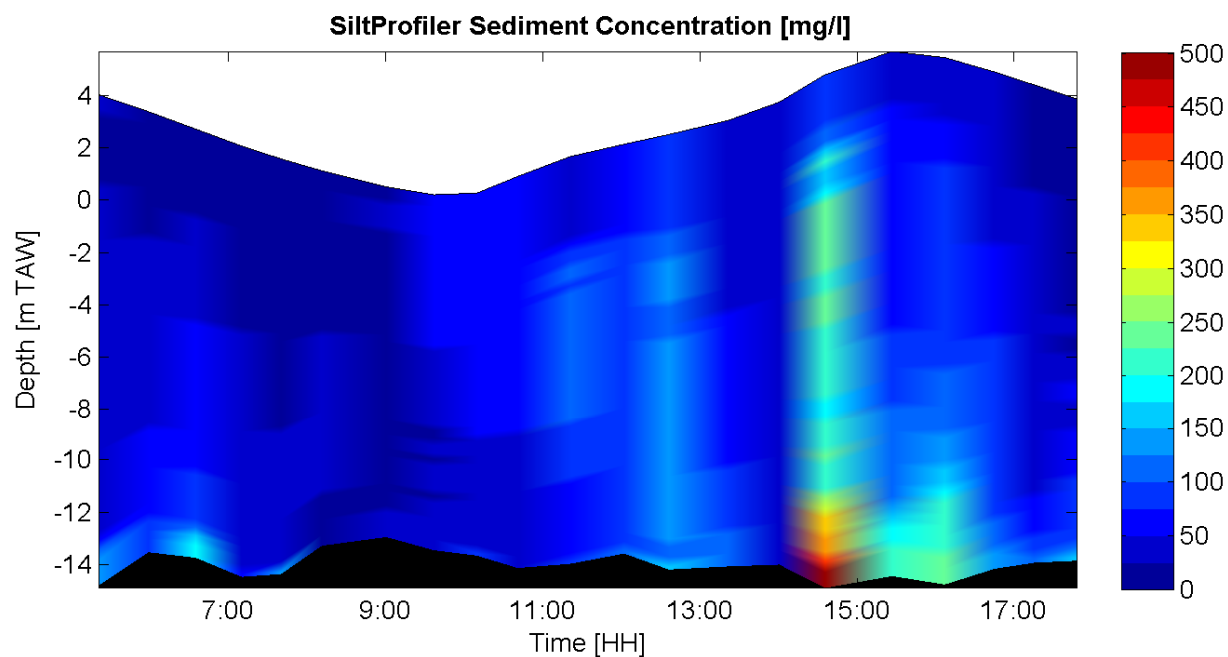
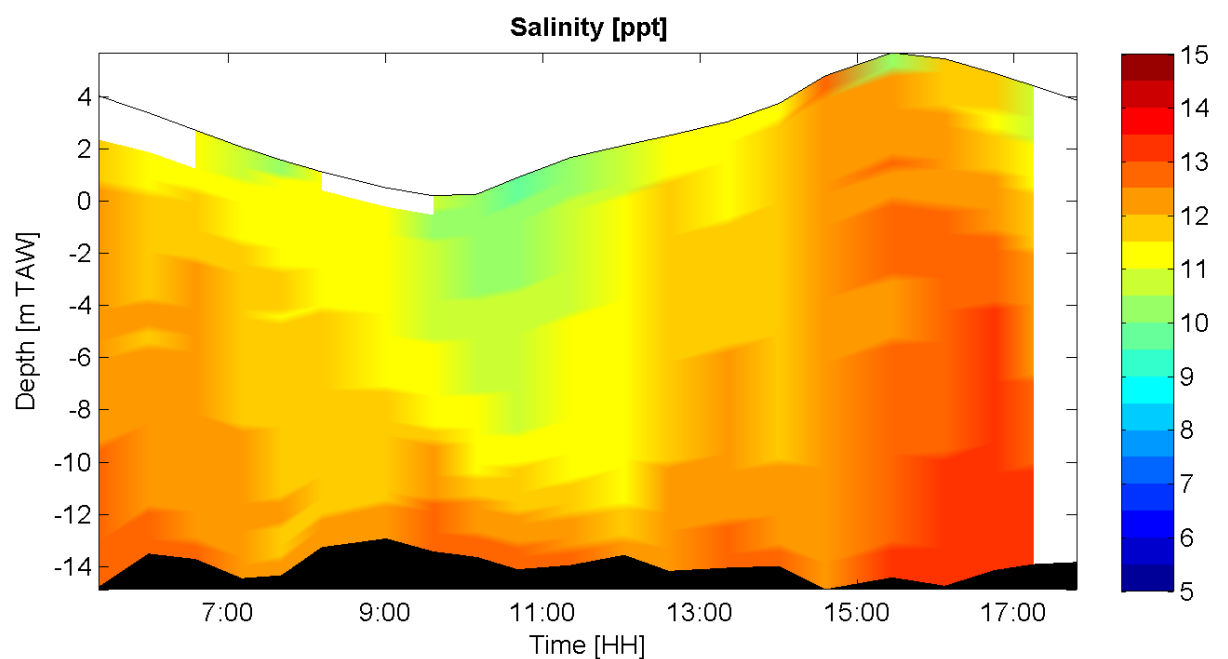
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Zd



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

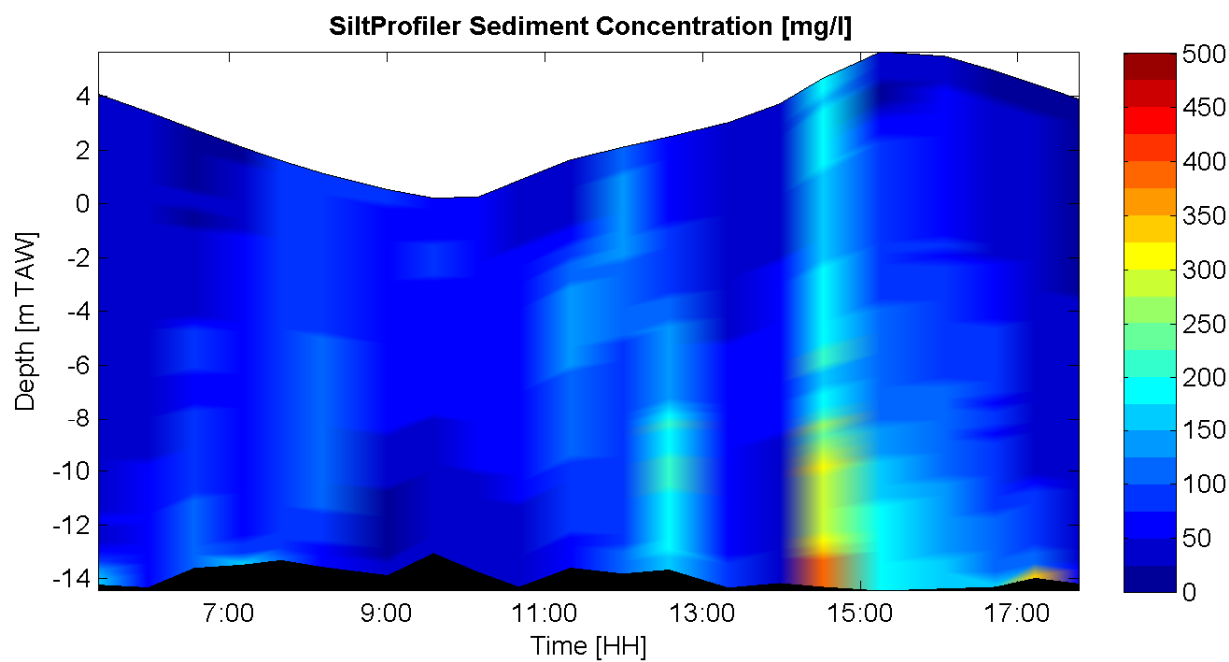
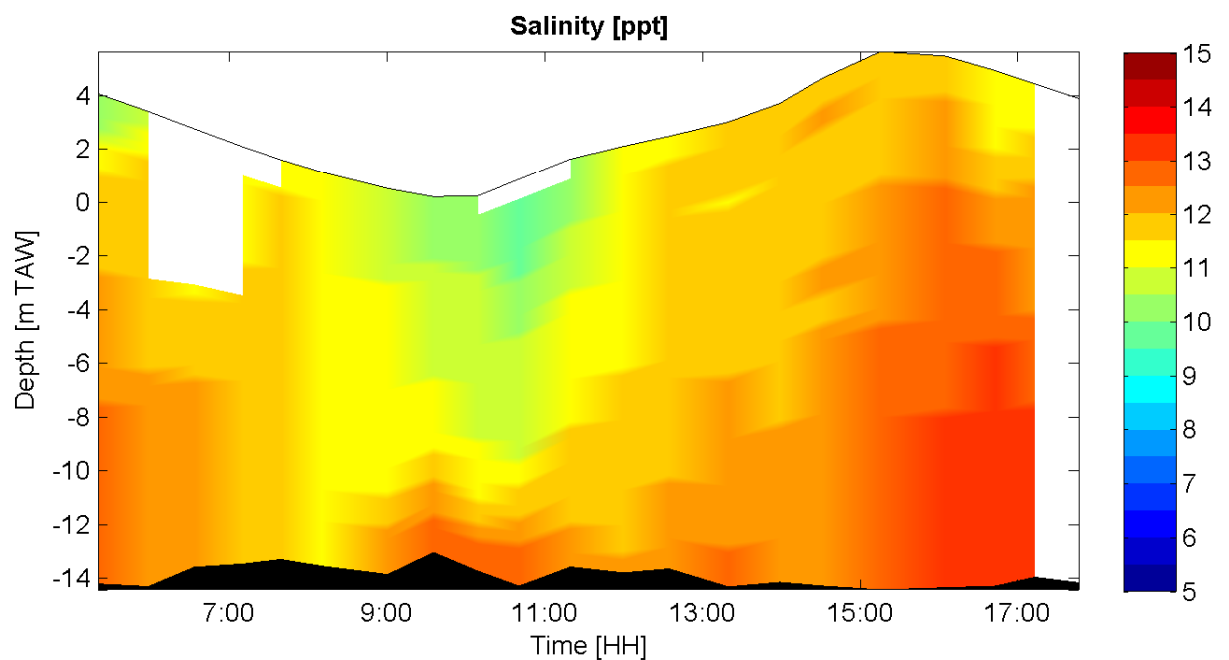
CTD-Diver & SiltProfiler

Sourcefile(s):

*.sil
*.sil

Location:

Deurganckdok-Ze



Date :

29-Sep-2008

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

APPENDIX I. TRANSECT SUSPENDED SEDIMENT CONCENTRATION AND SALINITY DISTRIBUTION

I.1 Cross-section X

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

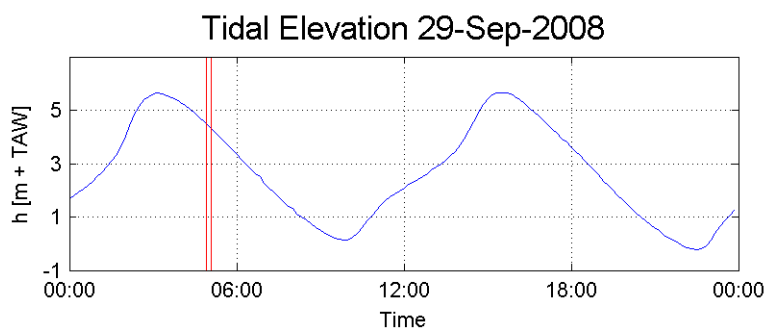
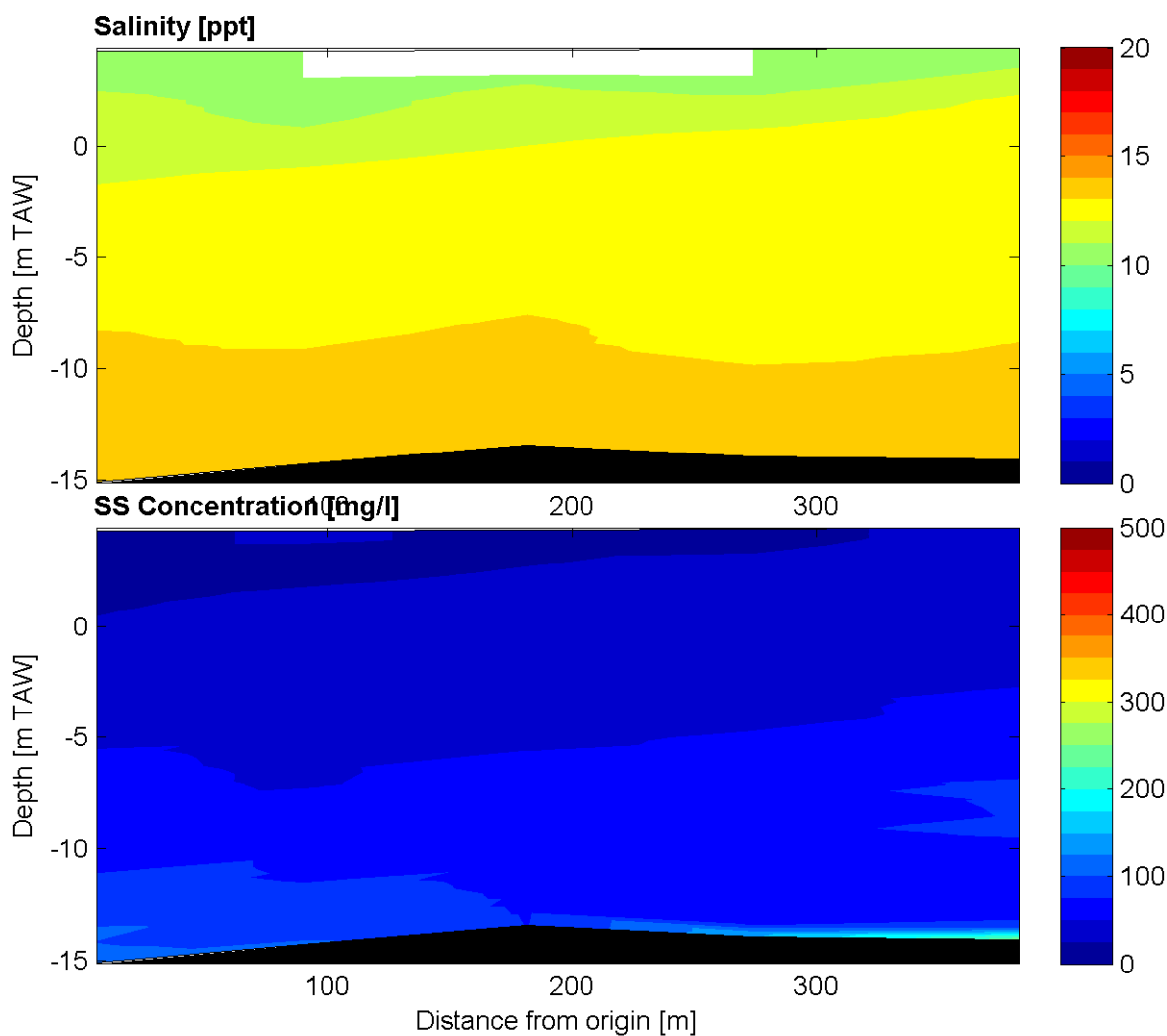
SiltProfiler

Sourcefile:

8008xa.sil - 8004xe.sil

Location:

Deurganckdok



Slack water:

03:10: h = 5.64 m+TAW

15:30: h = 5.66 m+TAW

09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

05:05 - 04:55

Time after HW [HH:MM]

1:50

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

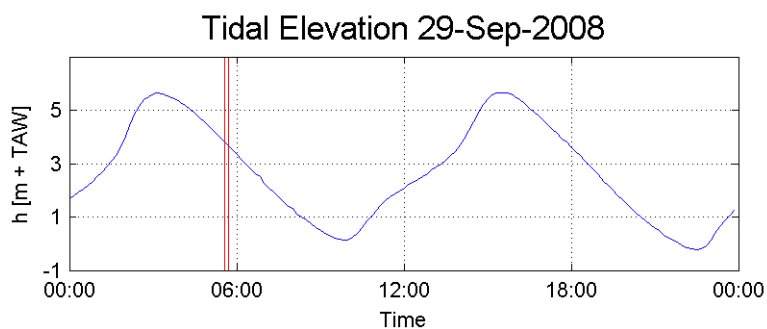
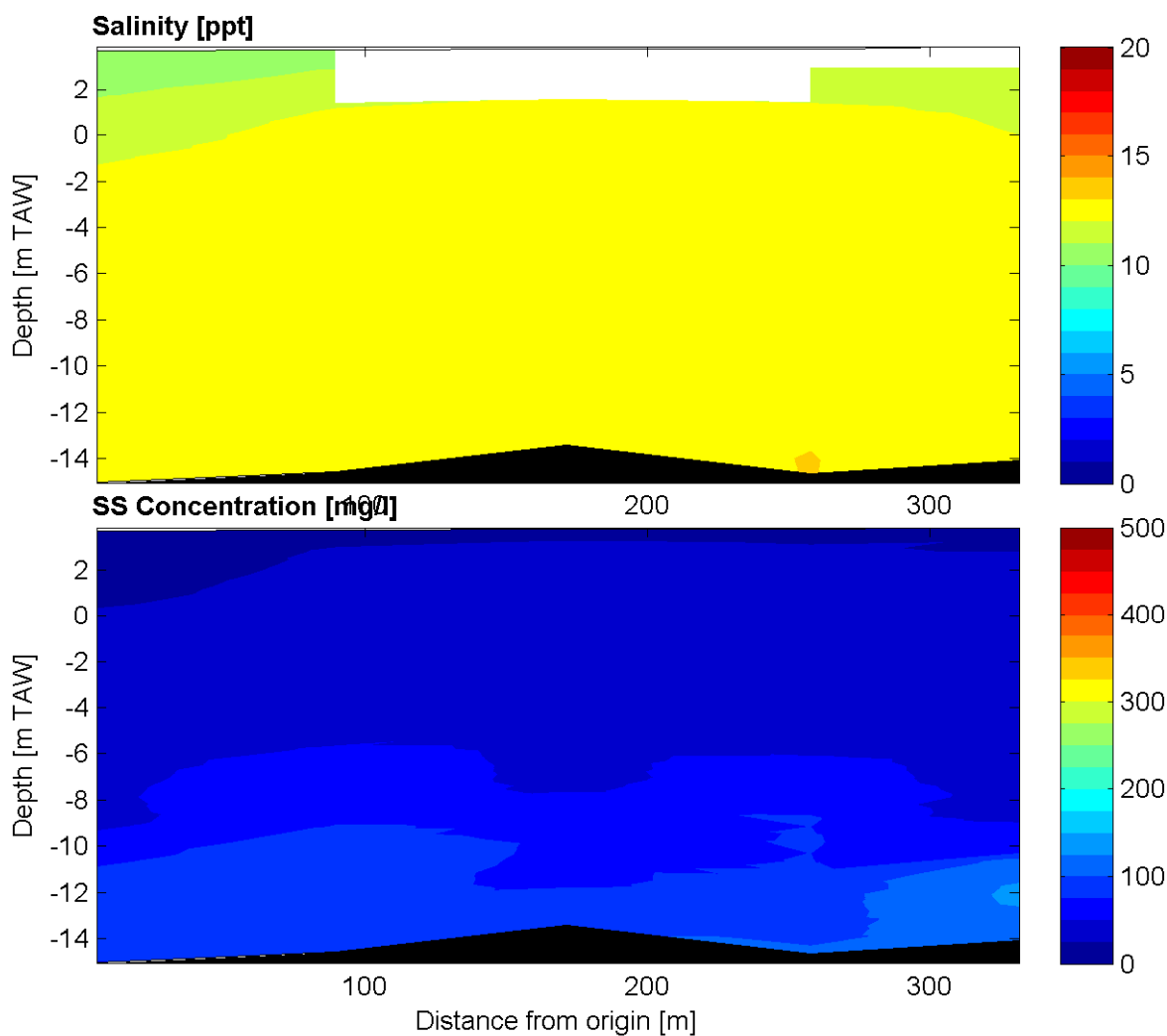
SiltProfiler

Sourcefile:

8023xa.sil - 8019xe.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

05:42 - 05:33

Time after HW [HH:MM]

2:28

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

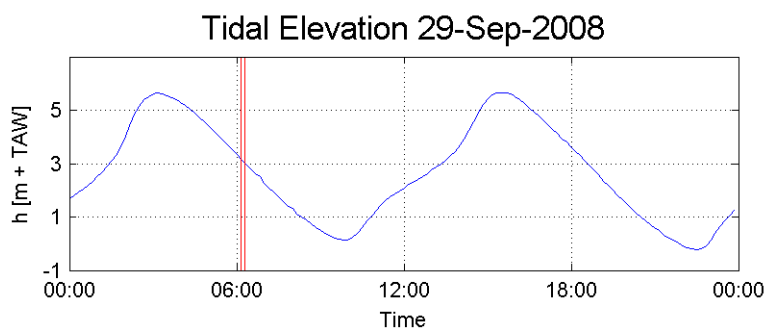
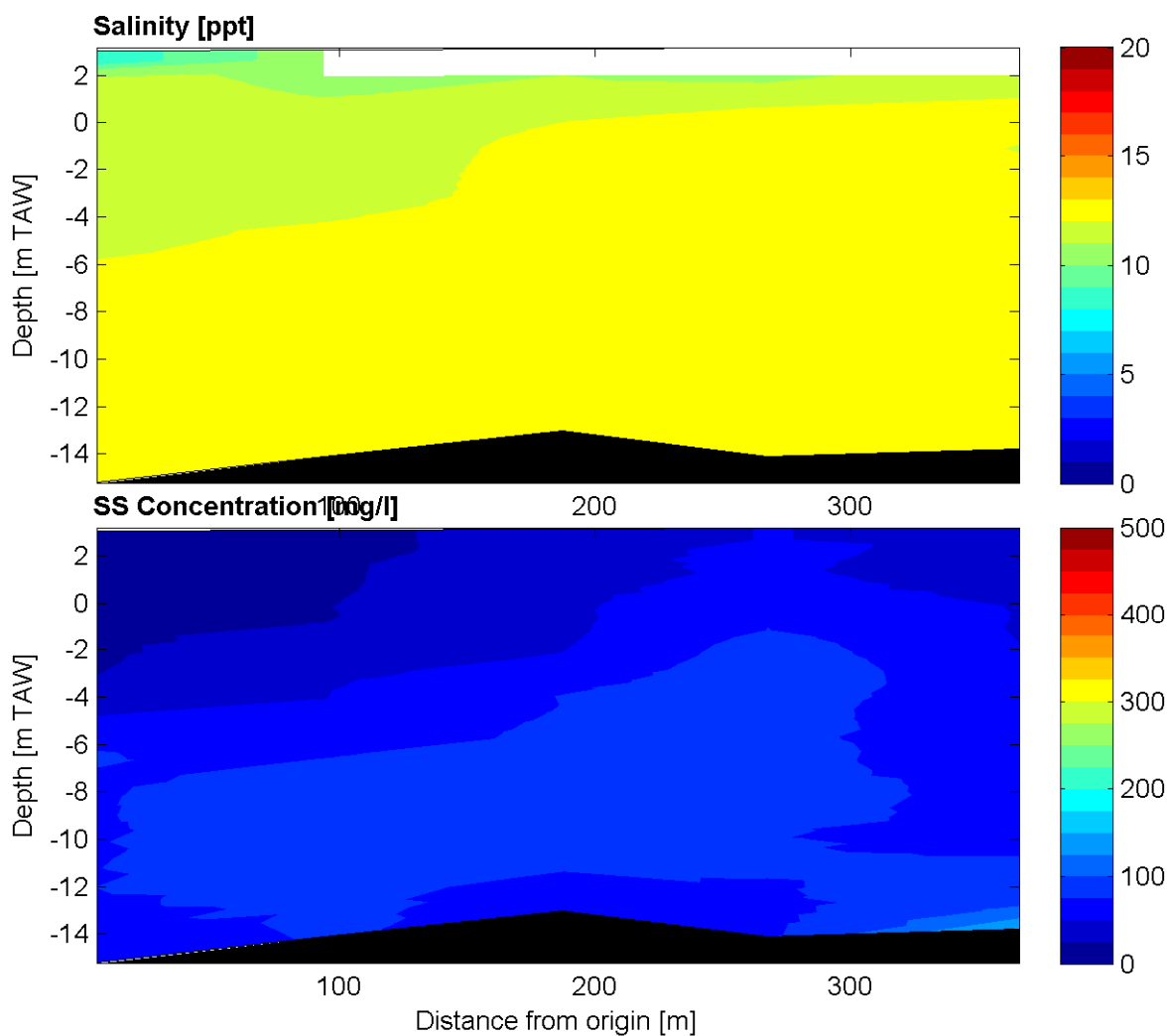
SiltProfiler

Sourcefile:

8038xa.sil - 8034xe.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

06:16 - 06:09

Time after HW [HH:MM]

3:03

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

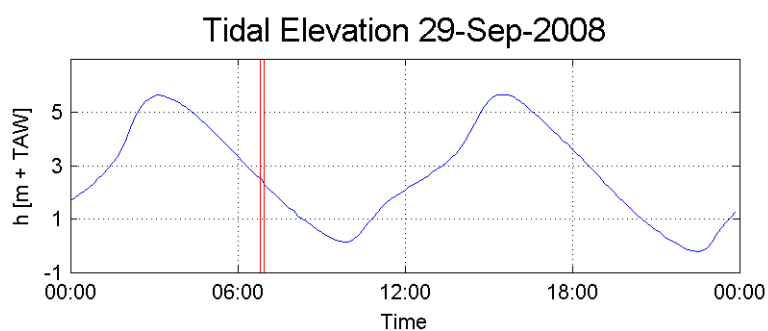
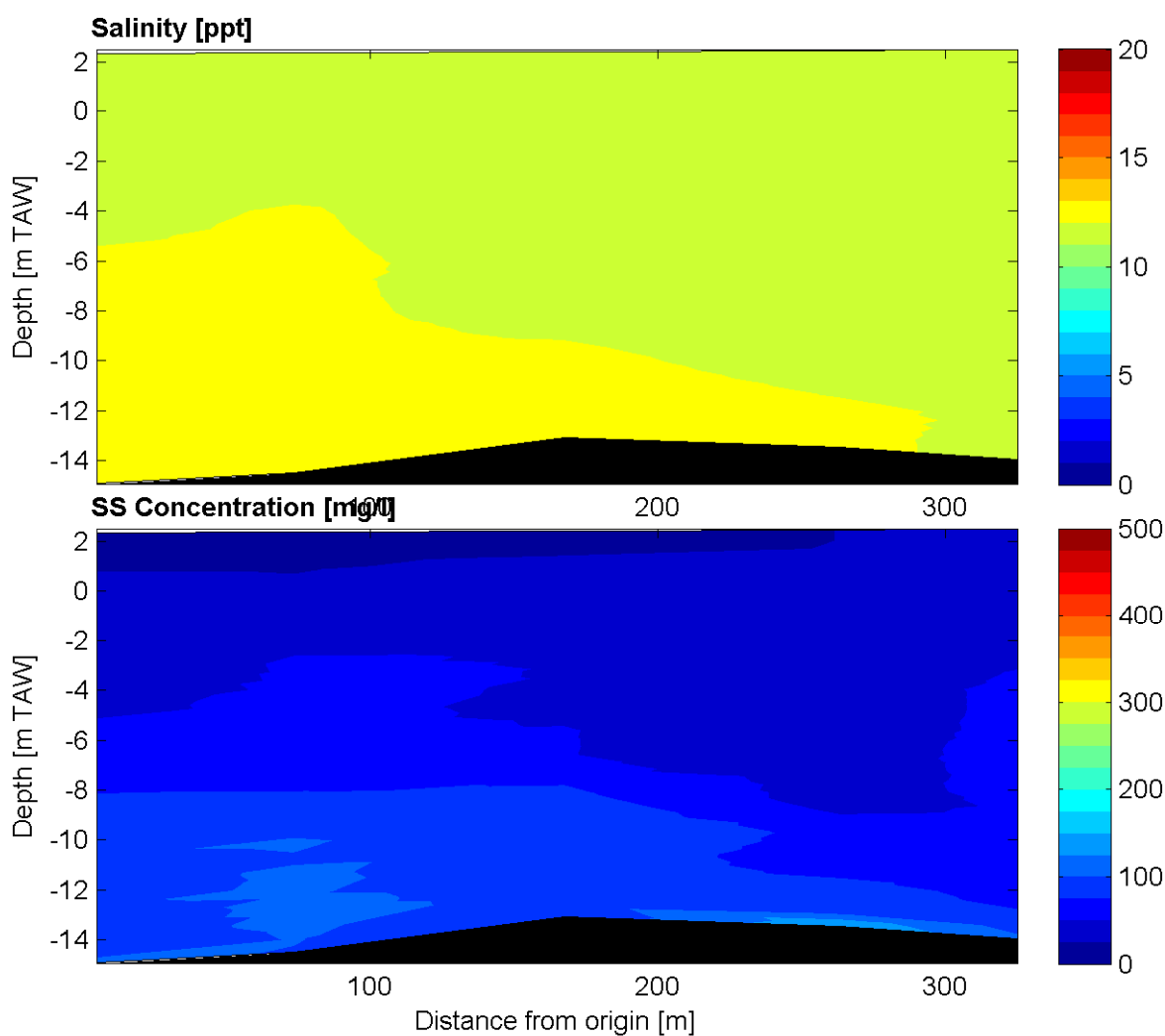
SiltProfiler

Sourcefile:

8054xa.sil - 8050xe.sil

Location:

Deurganckdok



Slack water:

03:10: h = 5.64 m+TAW

15:30: h = 5.66 m+TAW

09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

06:56 - 06:49

Time after HW [HH:MM]

3:42

Data Processed by:



In association with:



wt. | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

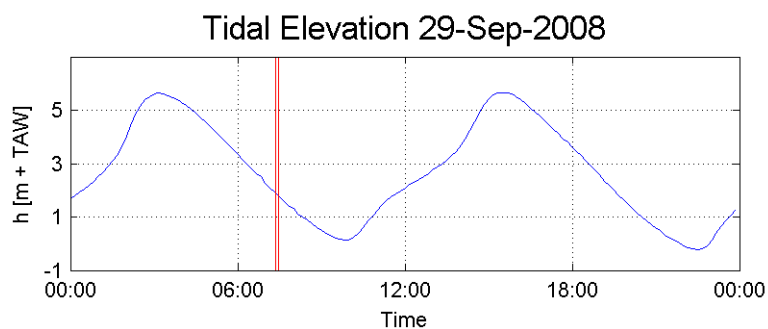
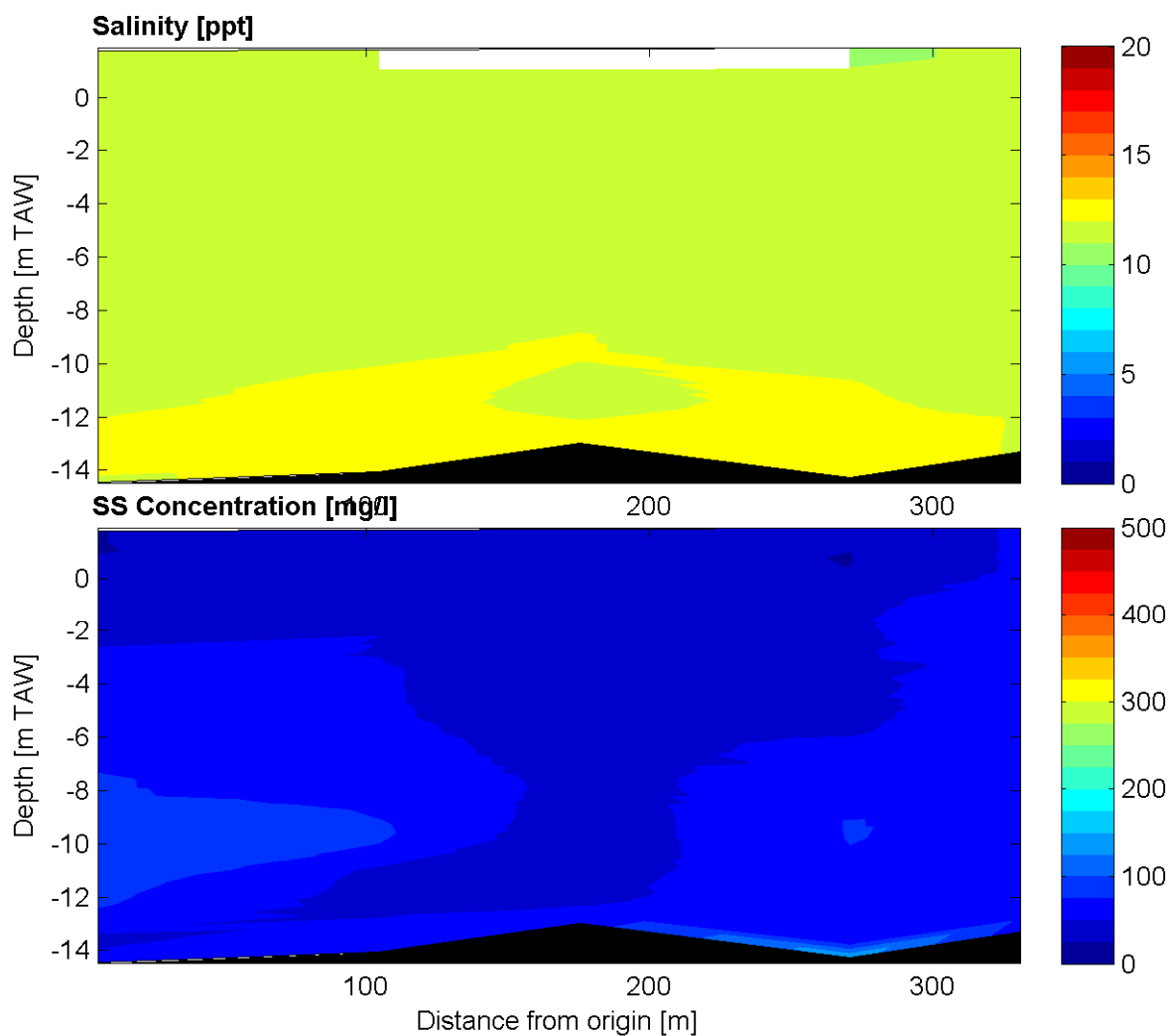
SiltProfiler

Sourcefile:

8069xa.sil - 8065xe.sil

Location:

Deurganckdok



Slack water:

03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:28 - 07:21

Time after HW [HH:MM]

4:14

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

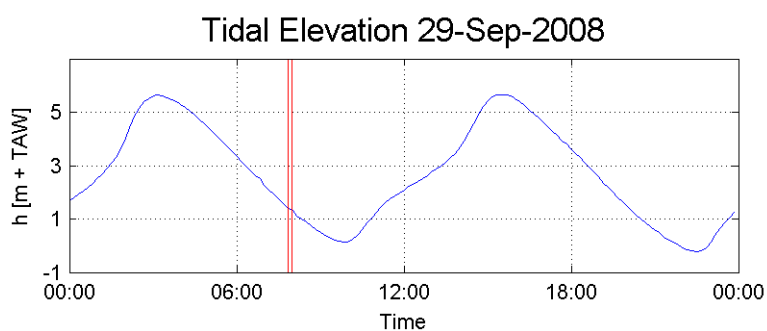
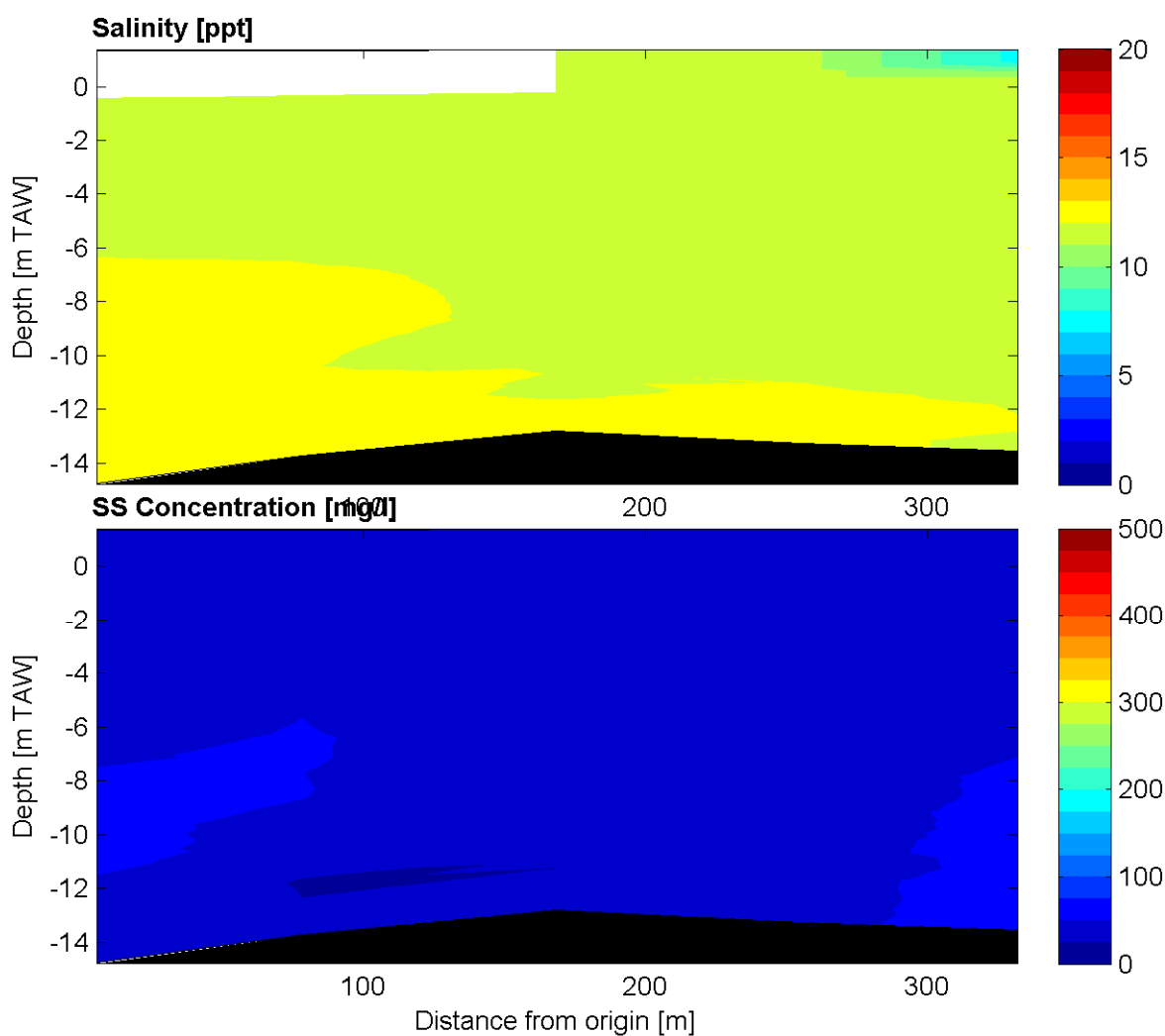
SiltProfiler

Sourcefile:

8084xa.sil - 8080xe.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:57 - 07:51

Time after HW [HH:MM]

4:44

Data Processed by:



In association with:



wt. | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

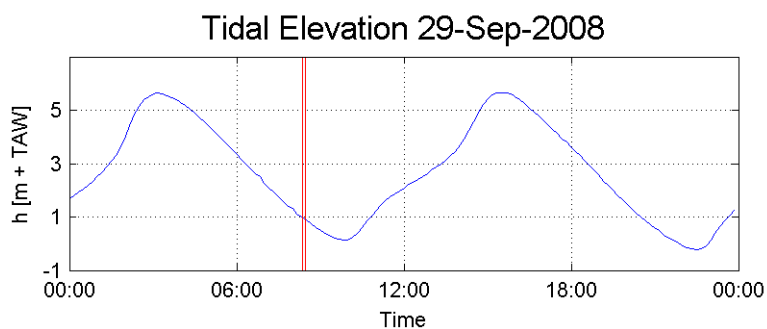
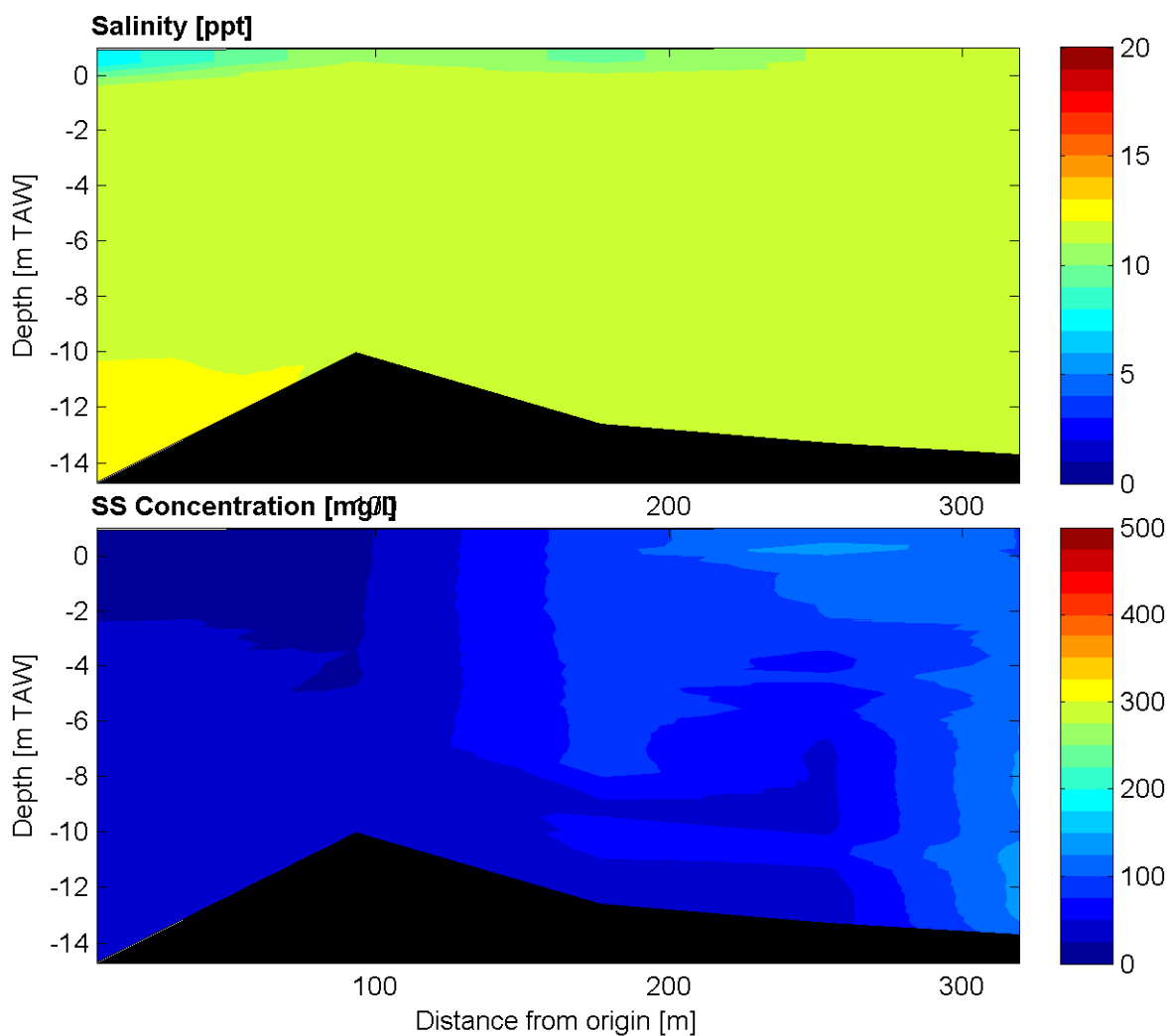
SiltProfiler

Sourcefile:

8099xa.sil - 8095xe.sil

Location:

Deurganckdok



Slack water:

03:10:	h = 5.64 m+TAW
15:30:	h = 5.66 m+TAW
09:50:	h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

08:27 - 08:20

Time after HW [HH:MM]

5:14

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

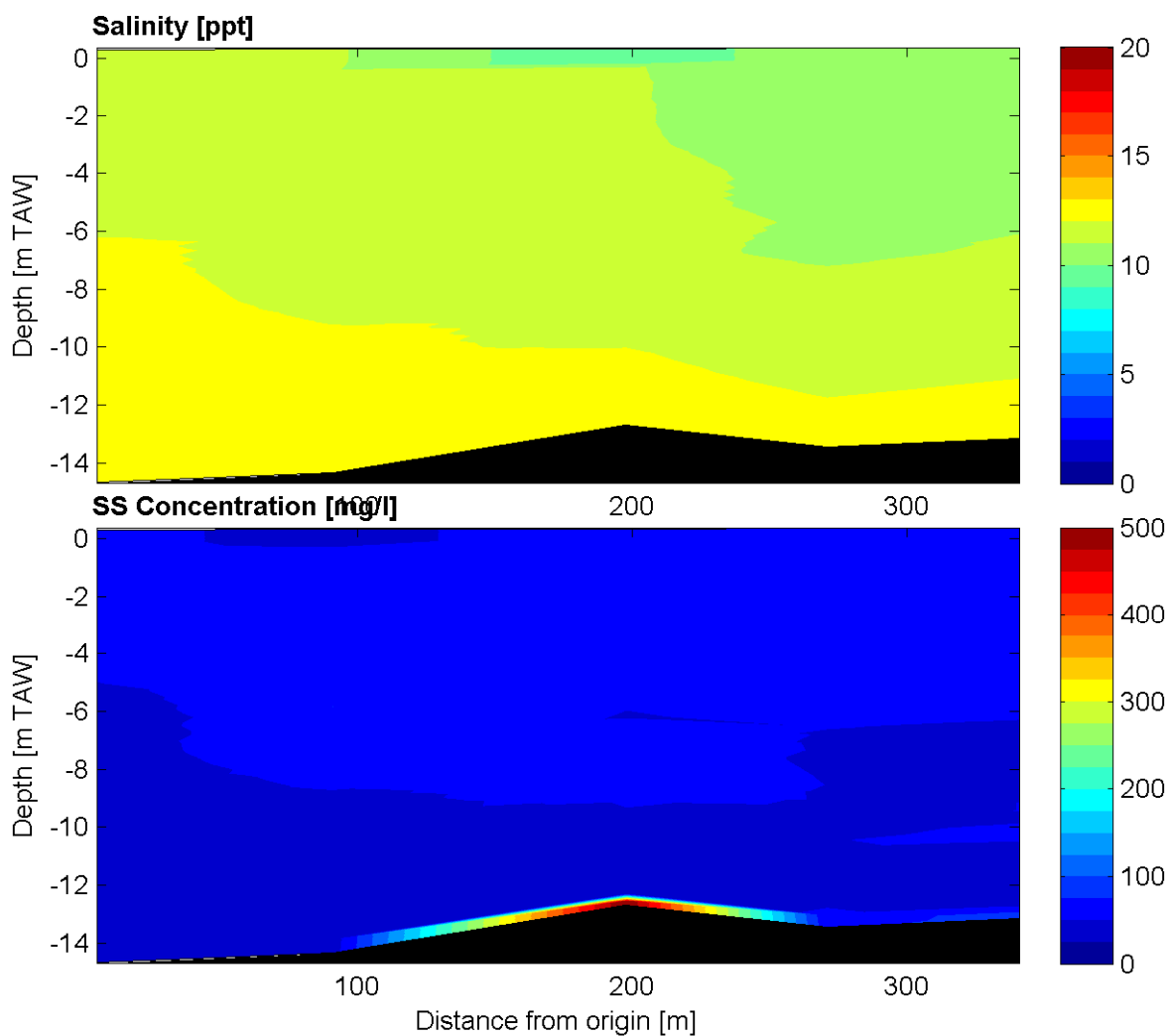
SiltProfiler

Sourcefile:

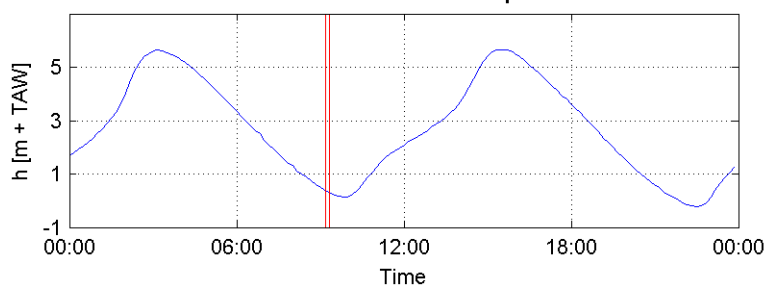
8119xa.sil - 8115xe.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water:
 03:10: h = 5.64 m+TAW
 15:30: h = 5.66 m+TAW
 09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

09:19 - 09:11

Time after HW [HH:MM]

6:05

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

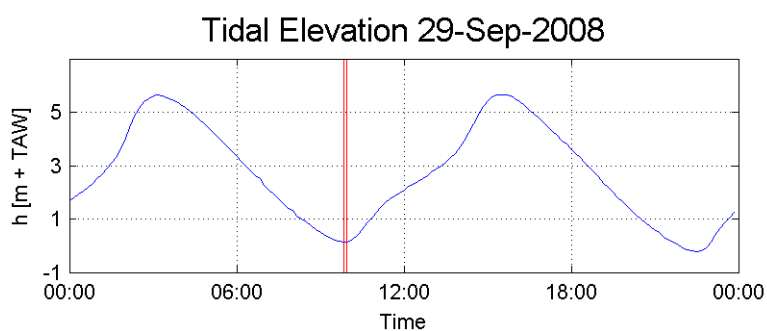
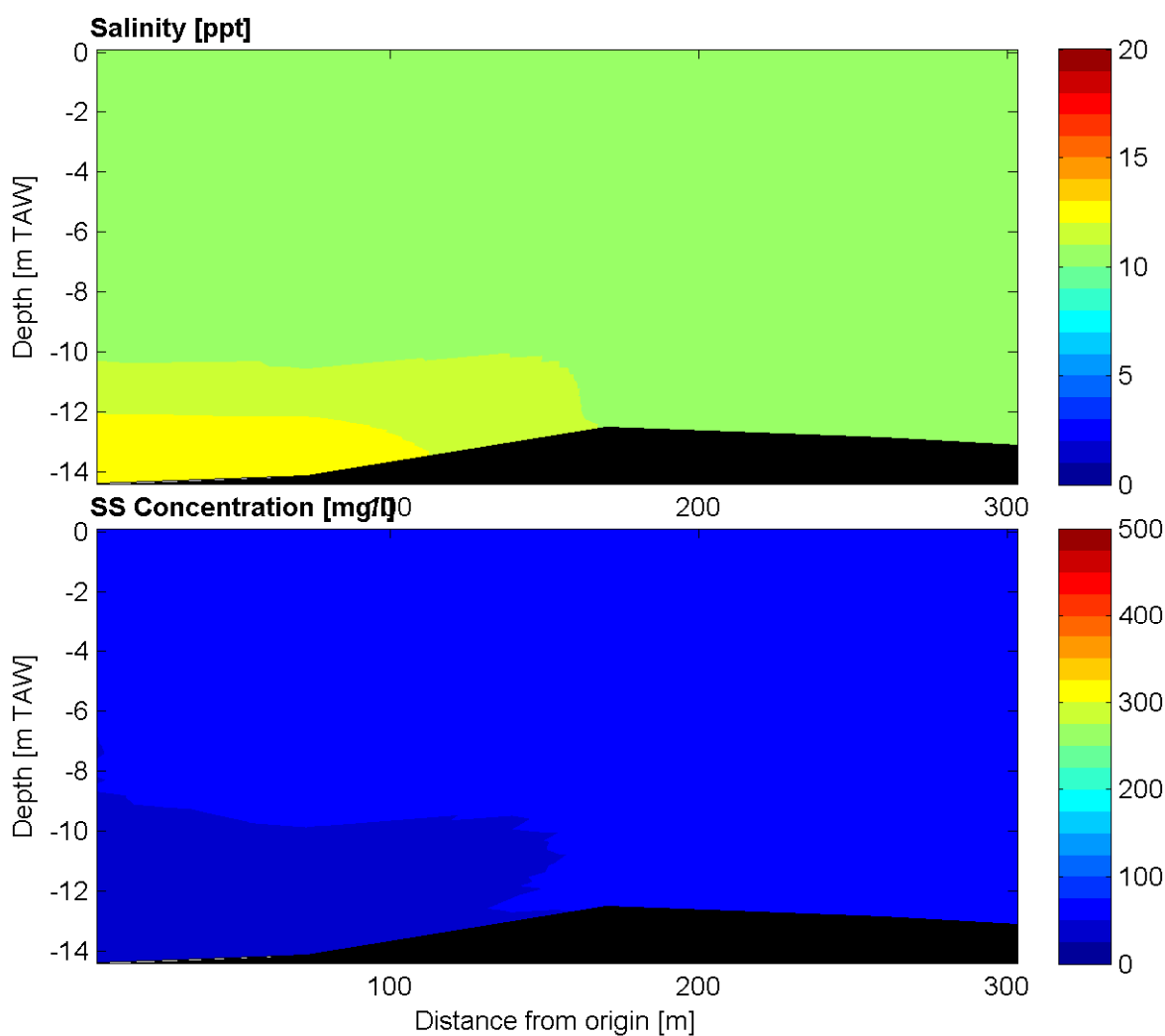
SiltProfiler

Sourcefile:

8134xa.sil - 8130xe.sil

Location:

Deurganckdok



Slack water:

03:10: $h = 5.64$ m+TAW
15:30: $h = 5.66$ m+TAW
09:50: $h = 0.12$ m+TAW

Date / Time [MET] :

29-Sep-2008

09:57 - 09:51

Time after HW [HH:MM]

-5:35

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

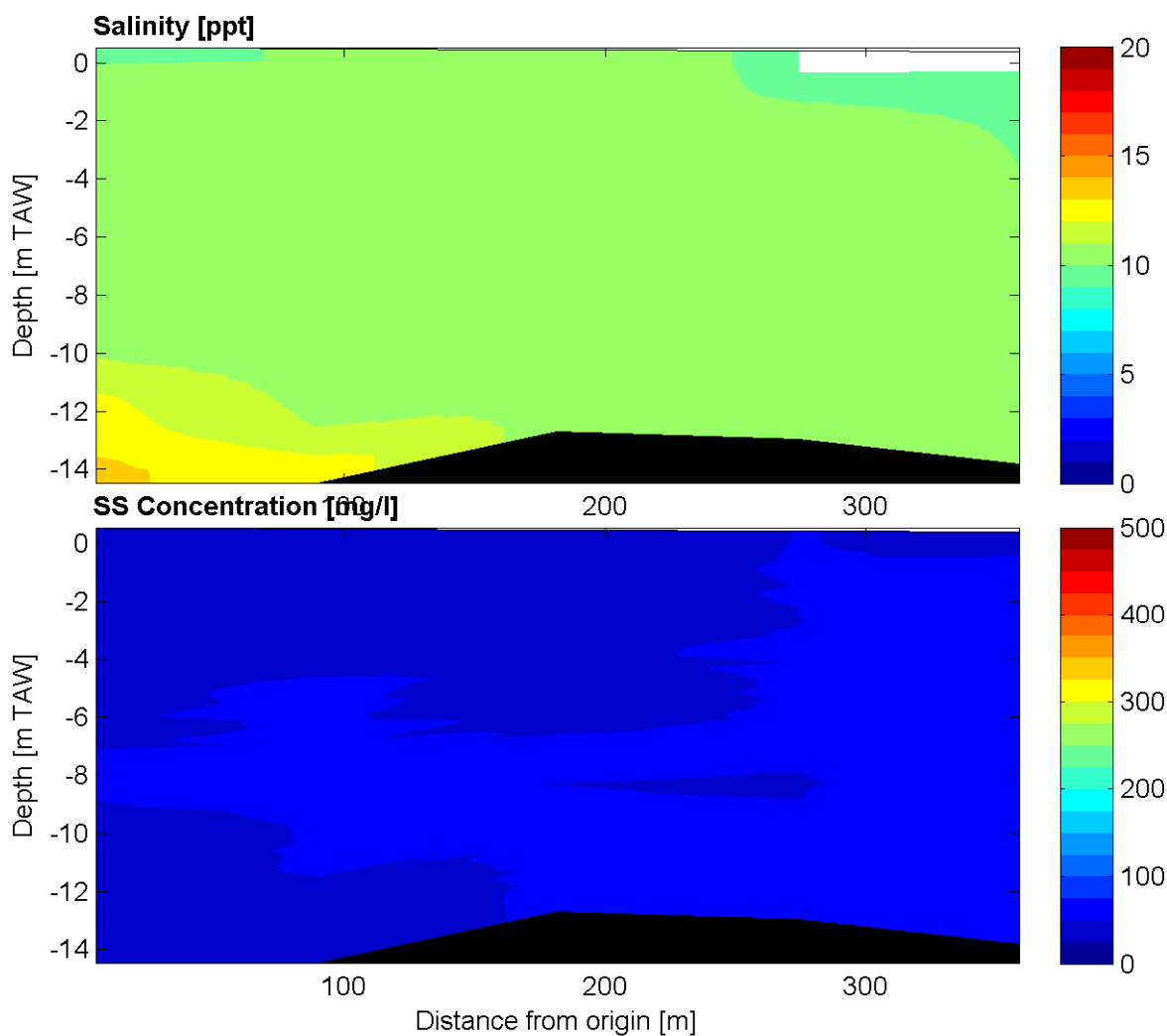
SiltProfiler

Sourcefile:

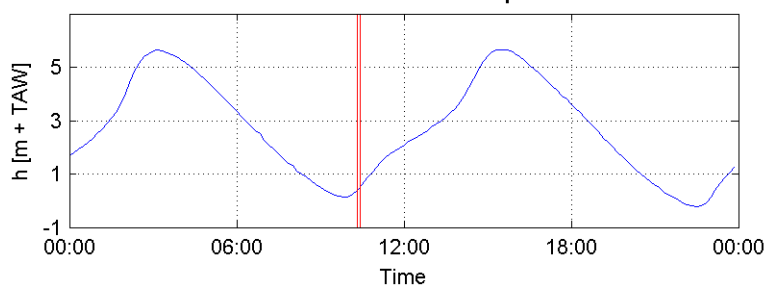
8149xa.sil - 8145xe.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water:
 03:10: h = 5.64 m+TAW
 15:30: h = 5.66 m+TAW
 09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

10:26 - 10:20

Time after HW [HH:MM]

-5:06

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

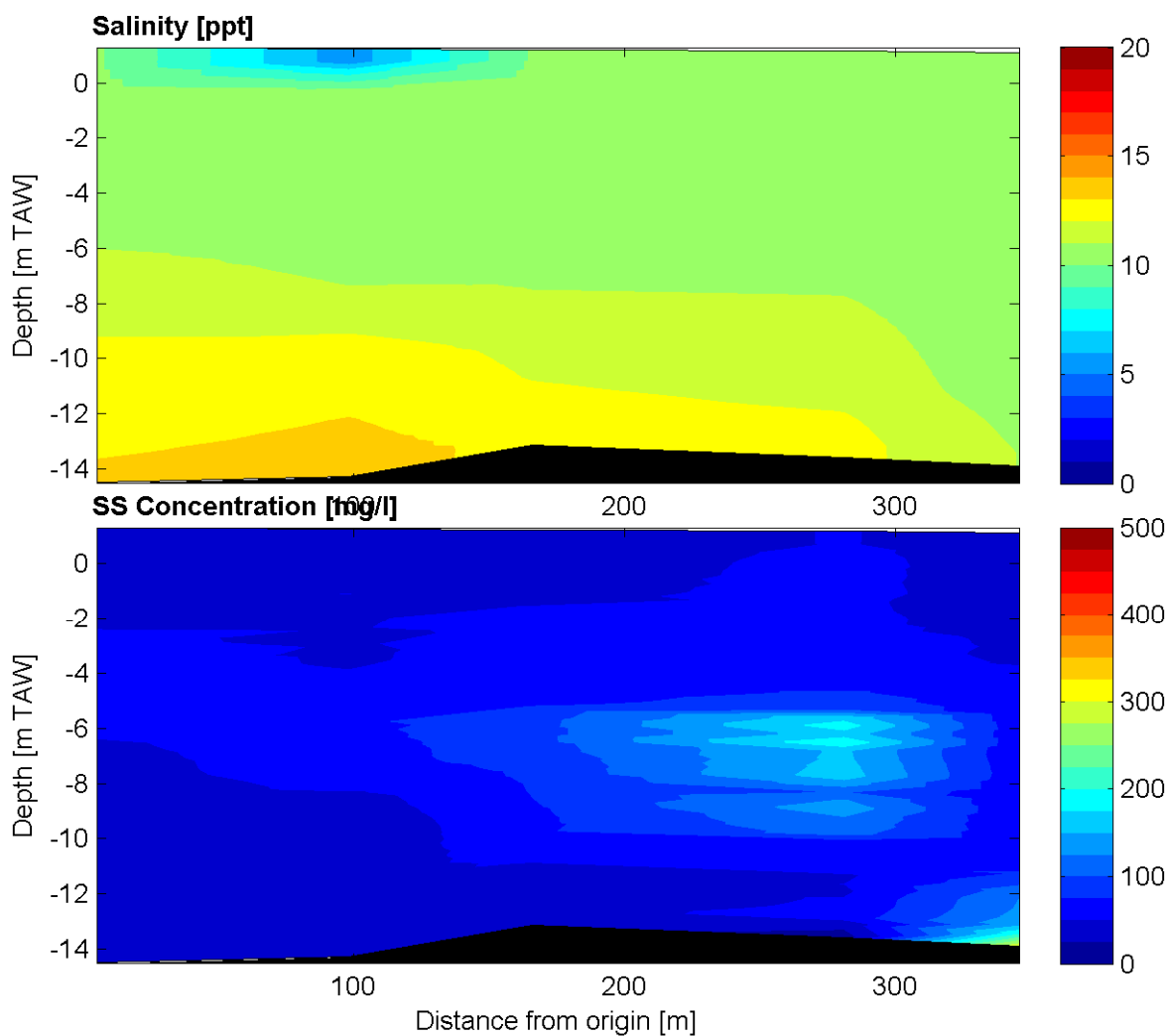
SiltProfiler

Sourcefile:

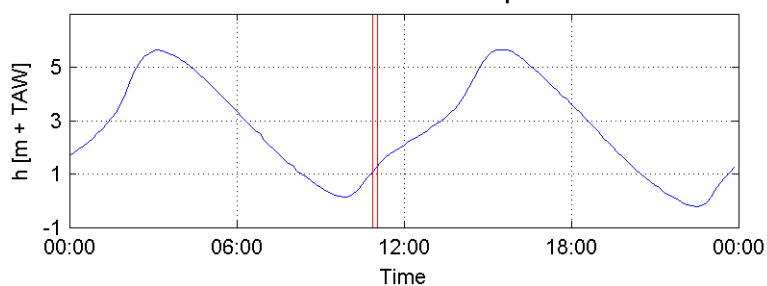
8164xa.sil - 8160xe.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water:
 03:10: h = 5.64 m+TAW
 15:30: h = 5.66 m+TAW
 09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

11:02 - 10:53

Time after HW [HH:MM]

-4:32

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

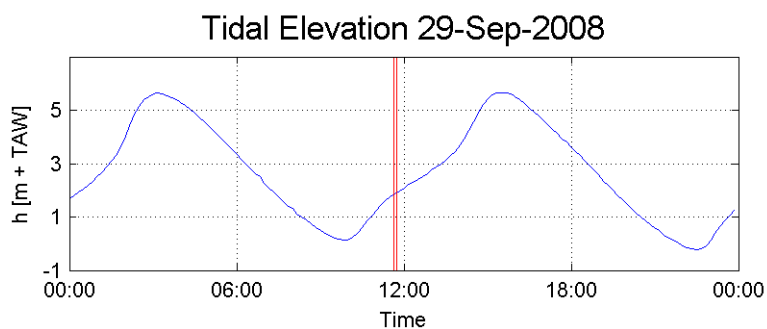
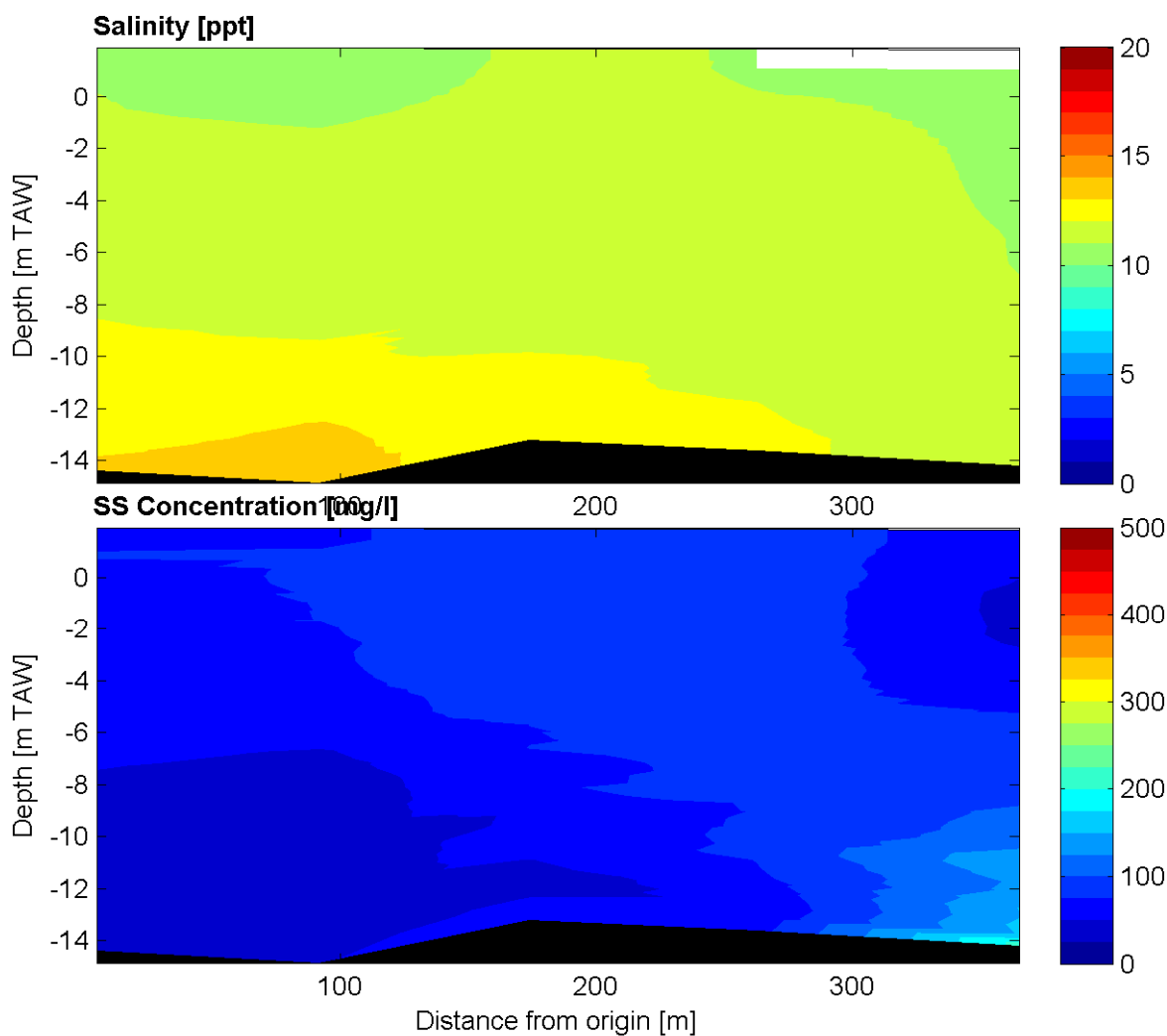
SiltProfiler

Sourcefile:

8179xa.sil - 8175xe.sil

Location:

Deurganckdok



Slack water:

03:10:	h = 5.64 m+TAW
15:30:	h = 5.66 m+TAW
09:50:	h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

11:44 - 11:38

Time after HW [HH:MM]

-3:48

Data Processed by:



In association with:



wt. | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

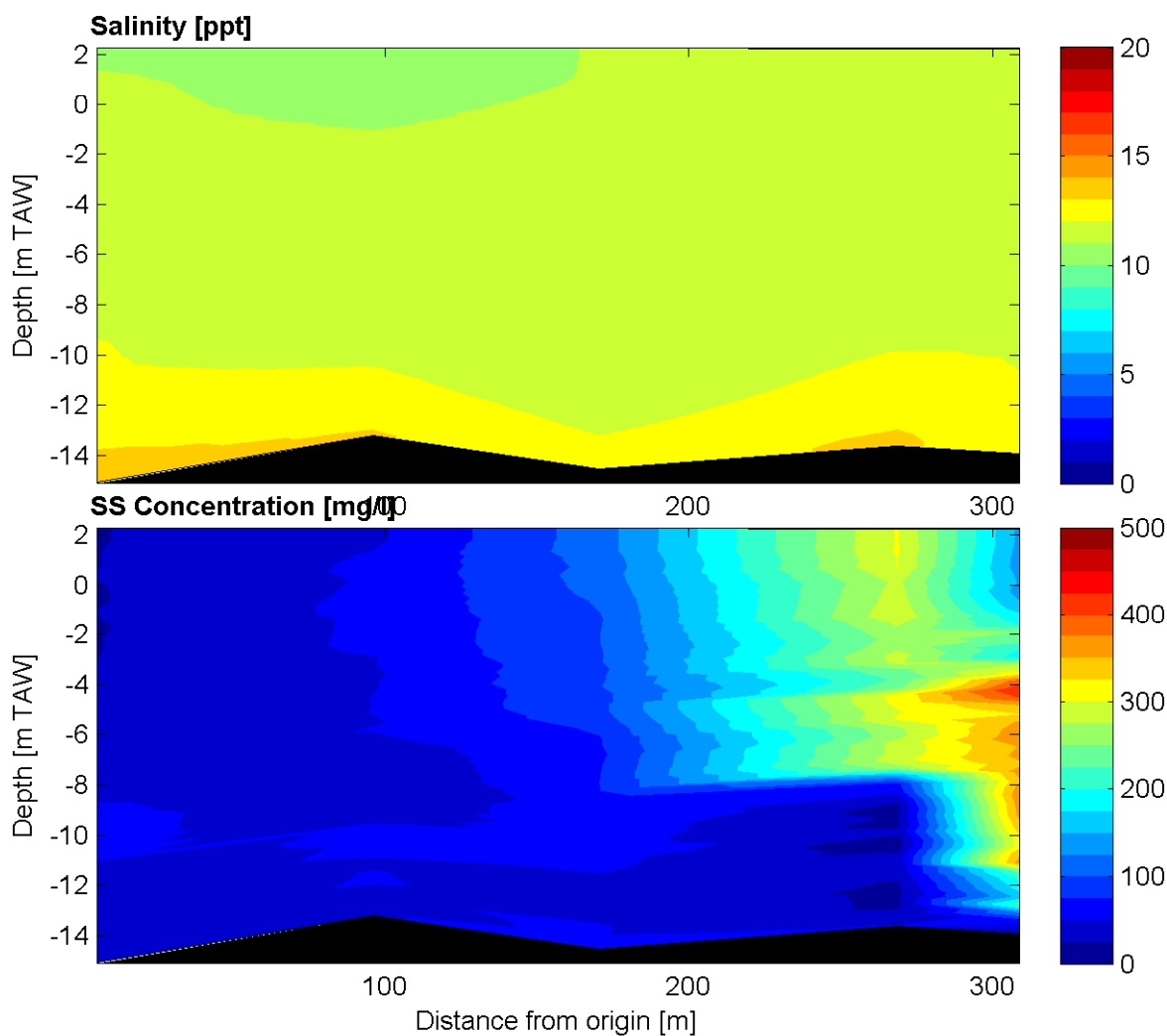
SiltProfiler

Sourcefile:

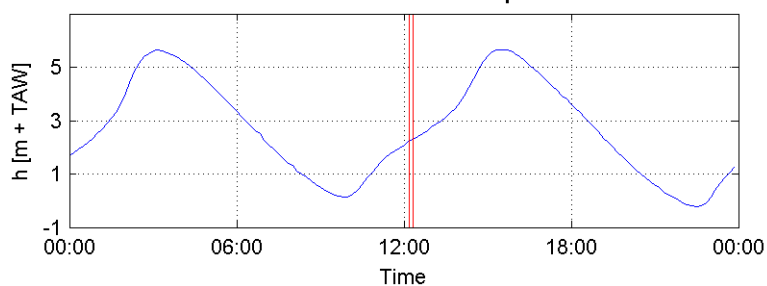
8194xa.sil - 8190xe.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

12:20 - 12:12

Time after HW [HH:MM]

-3:13

Data Processed by:



In association with:



wt. | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

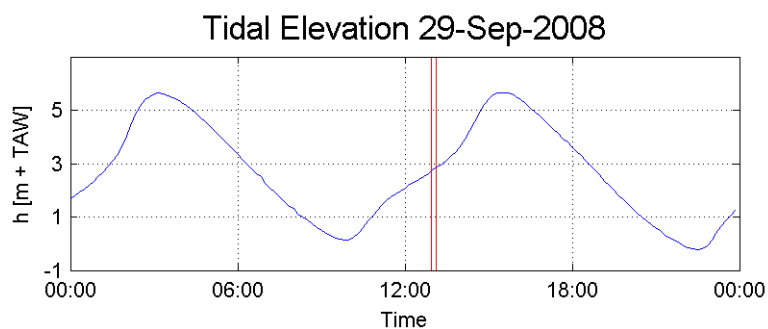
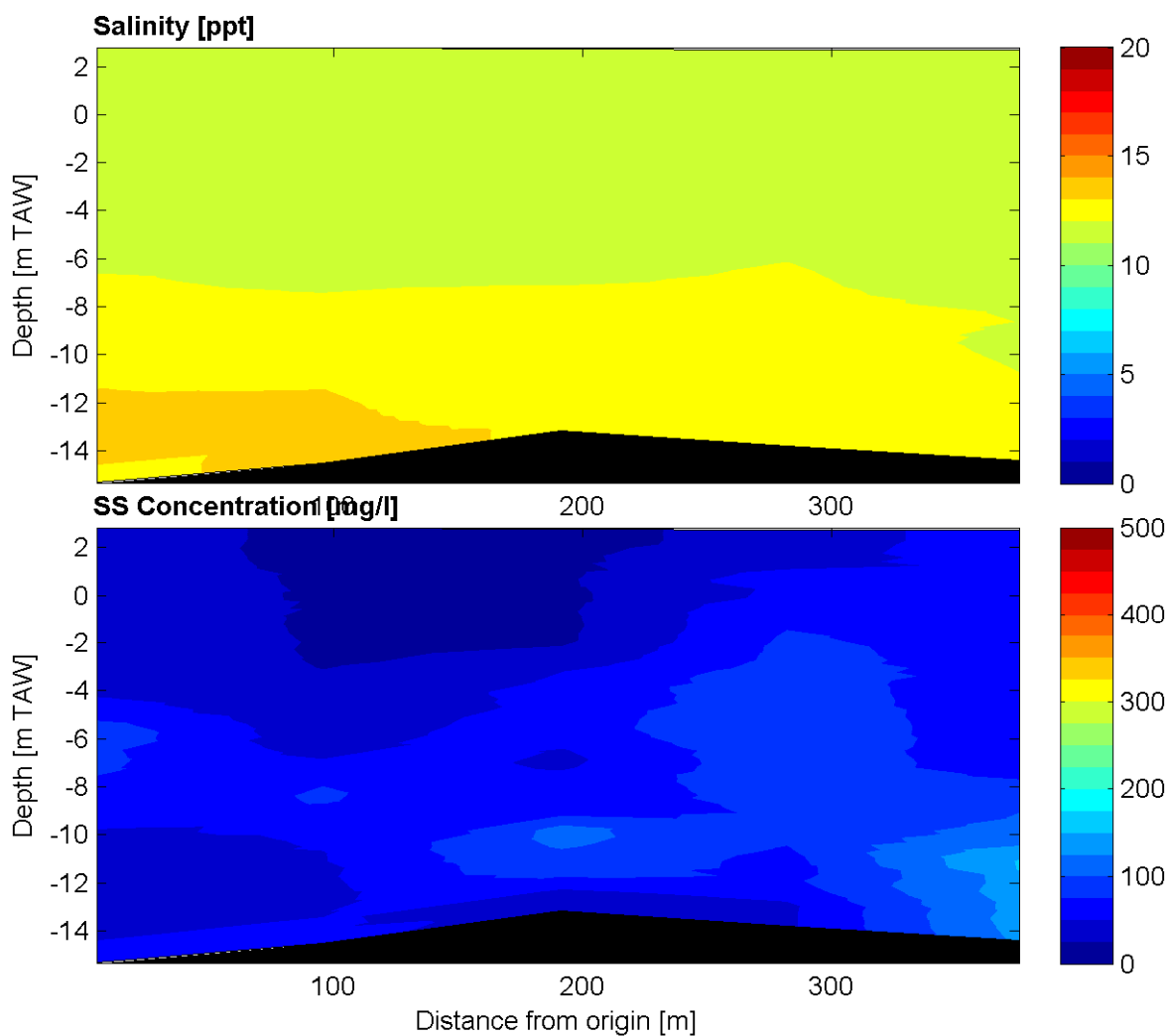
SiltProfiler

Sourcefile:

8214xa.sil - 8210xe.sil

Location:

Deurganckdok



Slack water:

03:10: h = 5.64 m+TAW

15:30: h = 5.66 m+TAW

09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

13:06 - 12:57

Time after HW [HH:MM]

-2:27

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

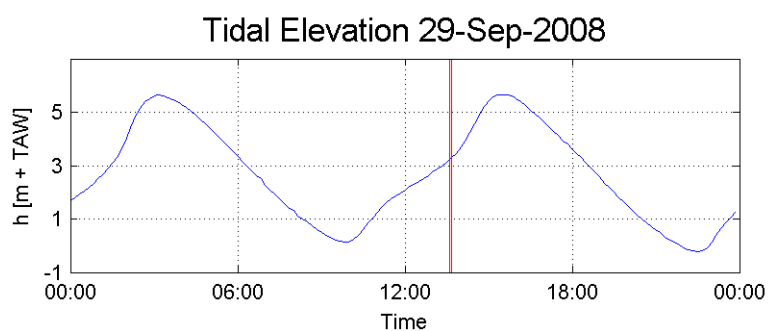
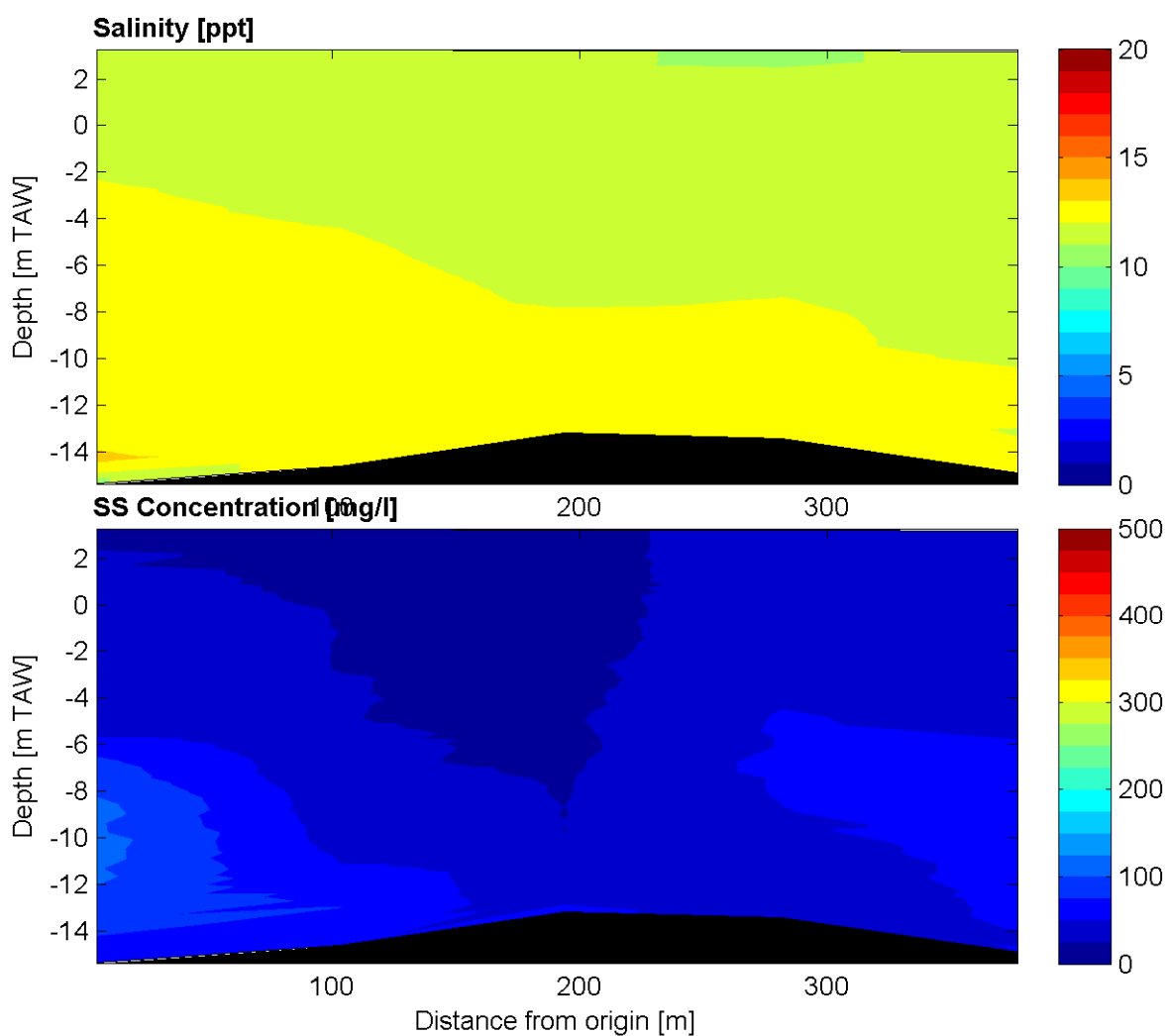
SiltProfiler

Sourcefile:

8229xa.sil - 8225xe.sil

Location:

Deurganckdok



Slack water:

03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

13:40 - 13:35

Time after HW [HH:MM]

-1:51

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

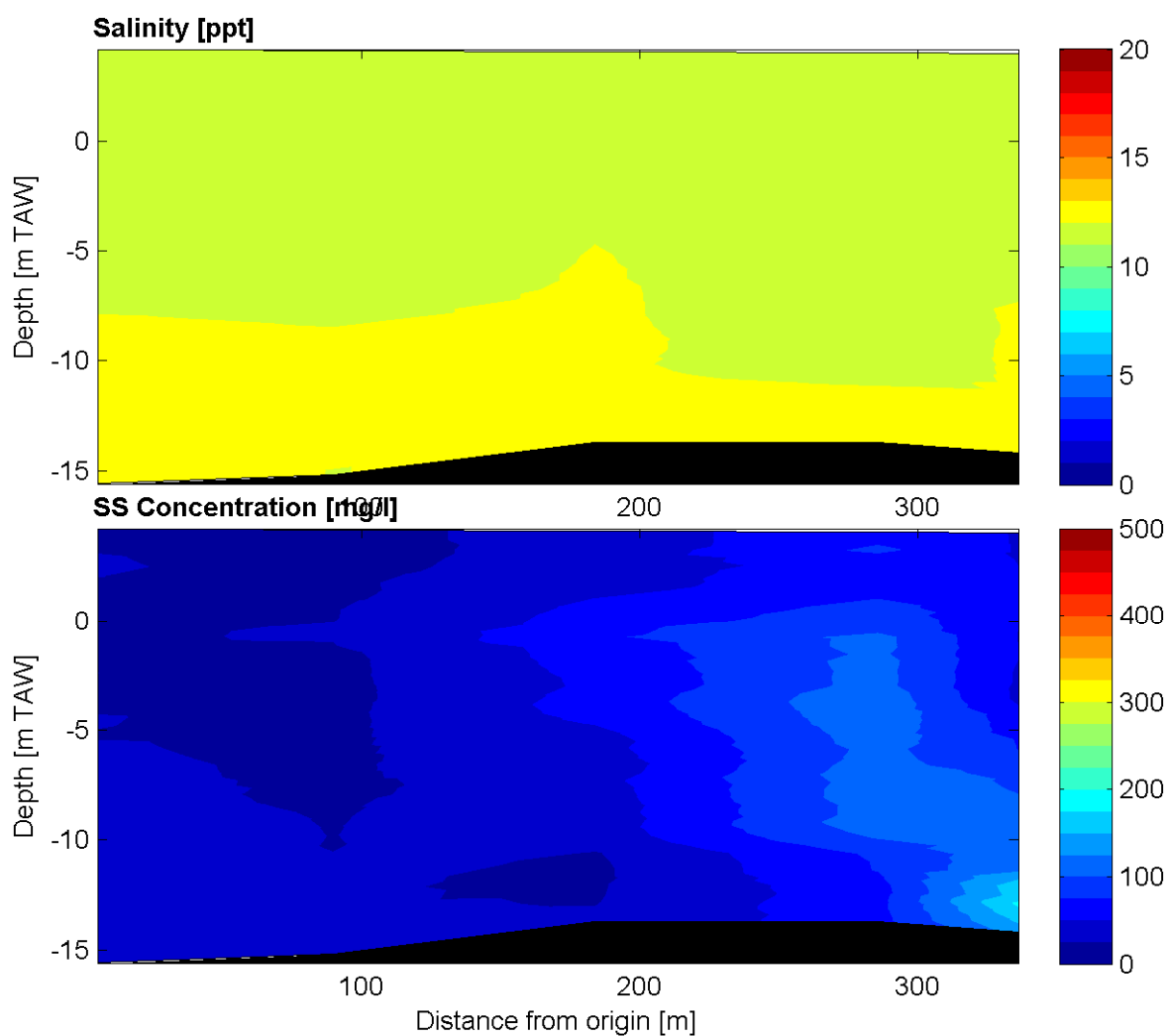
SiltProfiler

Sourcefile:

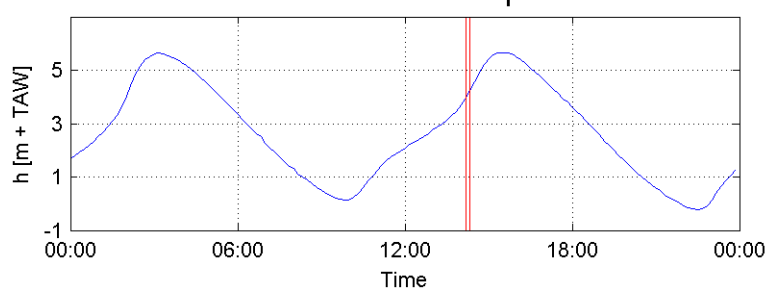
8244xa.sil - 8240xe.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water:

03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

14:19 - 14:12

Time after HW [HH:MM]

-1:14

Data Processed by:



In association with:



wt. | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

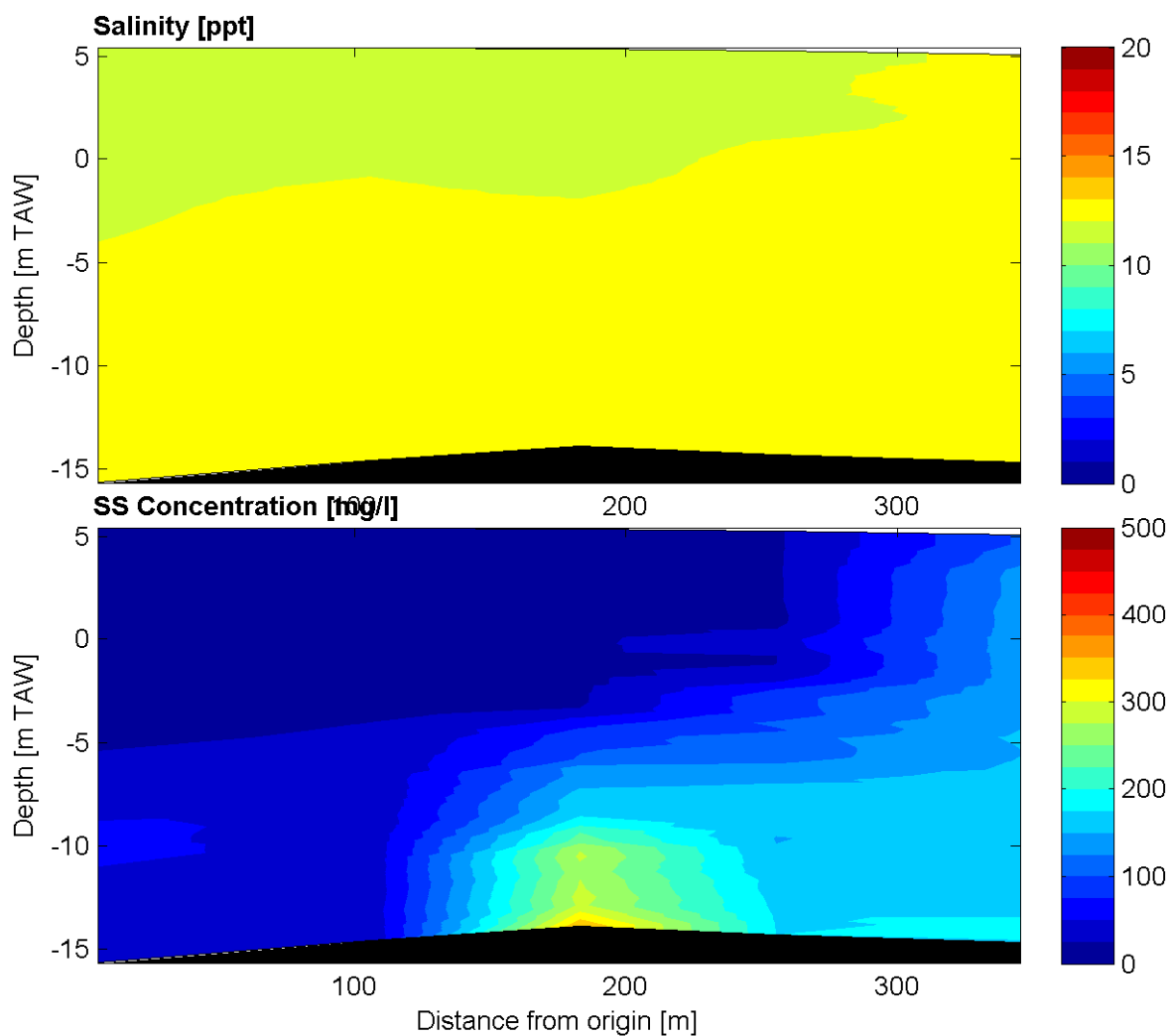
SiltProfiler

Sourcefile:

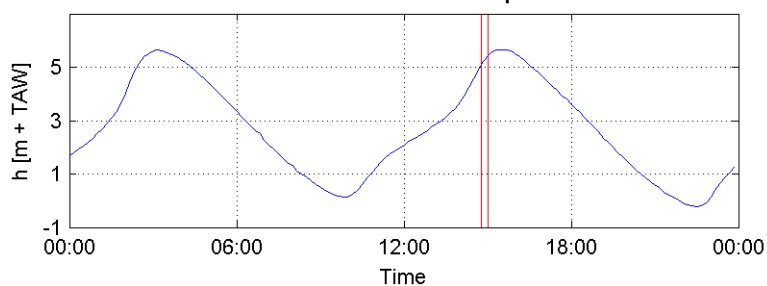
8259xa.sil - 8255xe.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

15:00 - 14:46

Time after HW [HH:MM]

-0:36

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

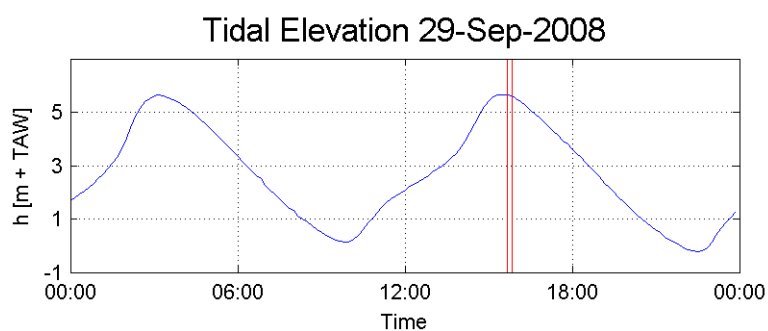
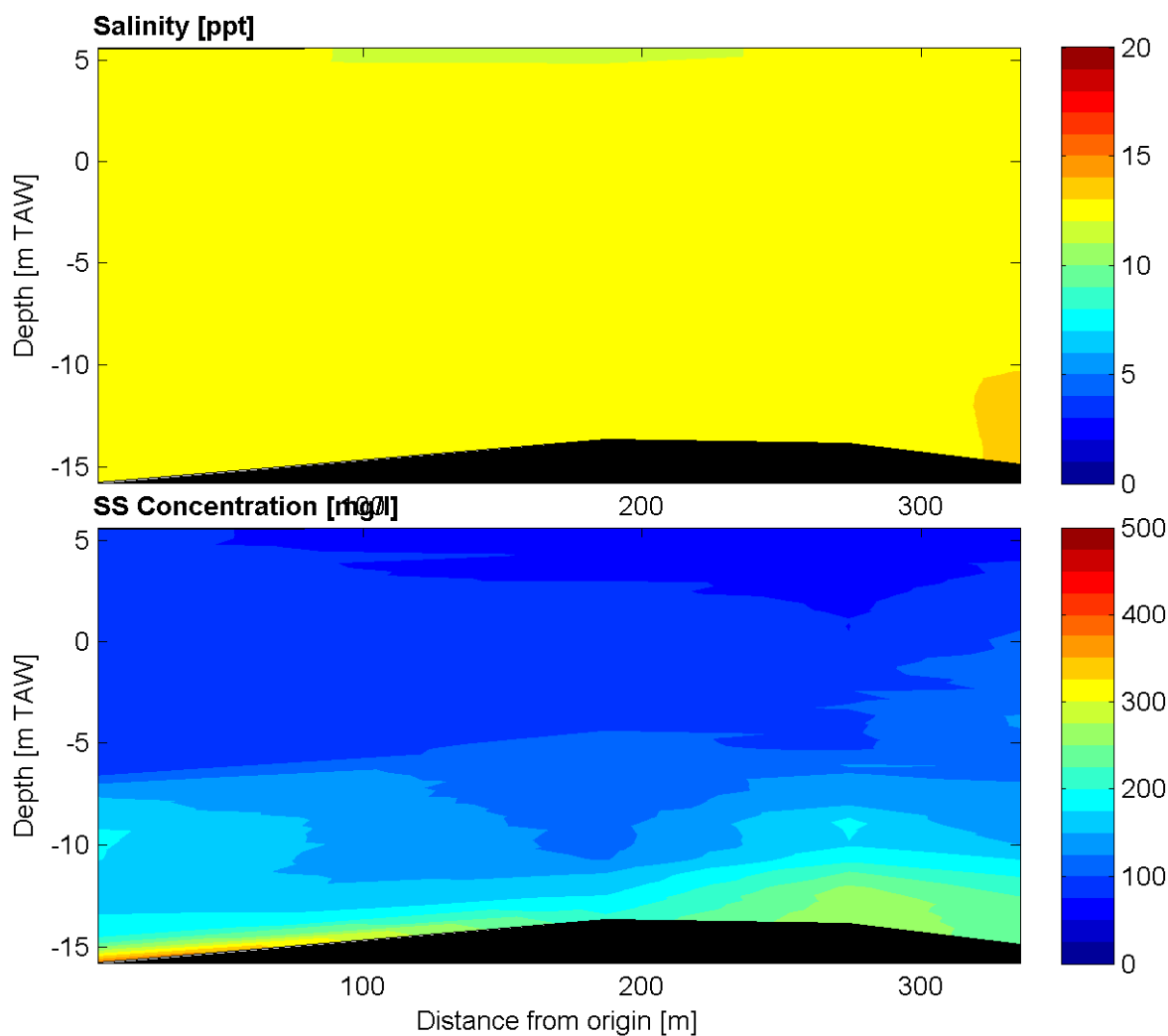
SiltProfiler

Sourcefile:

8274xa.sil - 8270xe.sil

Location:

Deurganckdok



Slack water: 03:10: $h = 5.64$ m+TAW
15:30: $h = 5.66$ m+TAW
09:50: $h = 0.12$ m+TAW

Date / Time [MET] :

29-Sep-2008

15:51 - 15:40

Time after HW [HH:MM]

0:15

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

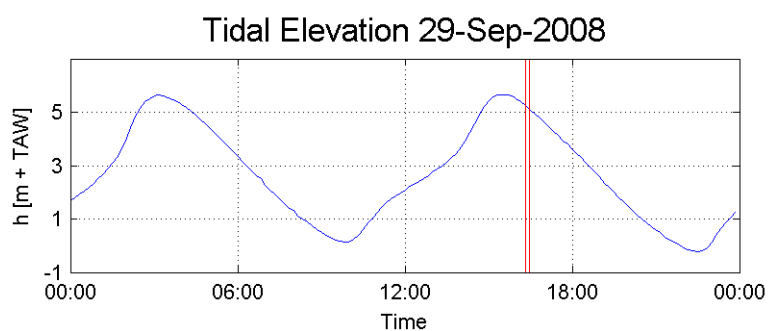
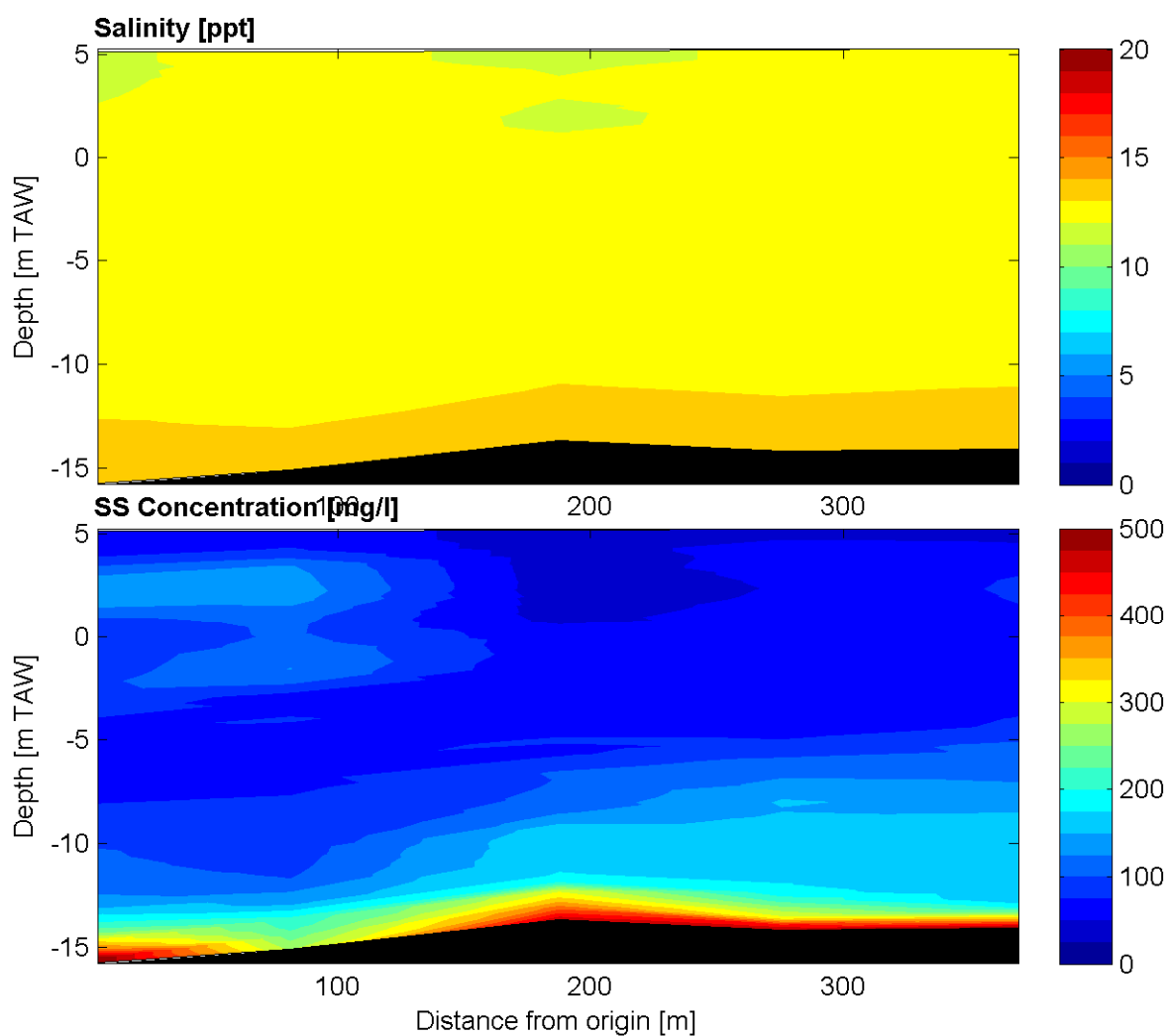
SiltProfiler

Sourcefile:

8289xa.sil - 8285xe.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

16:27 - 16:19

Time after HW [HH:MM]

0:53

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

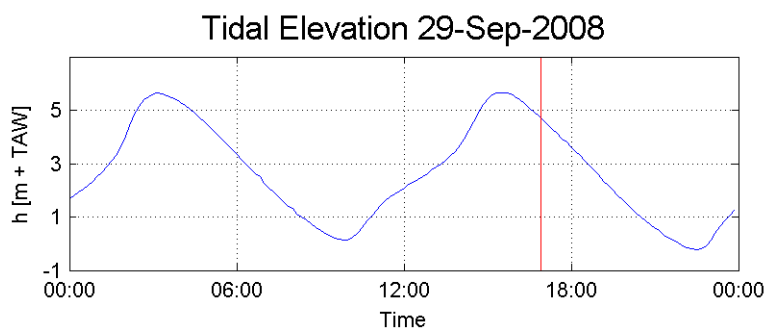
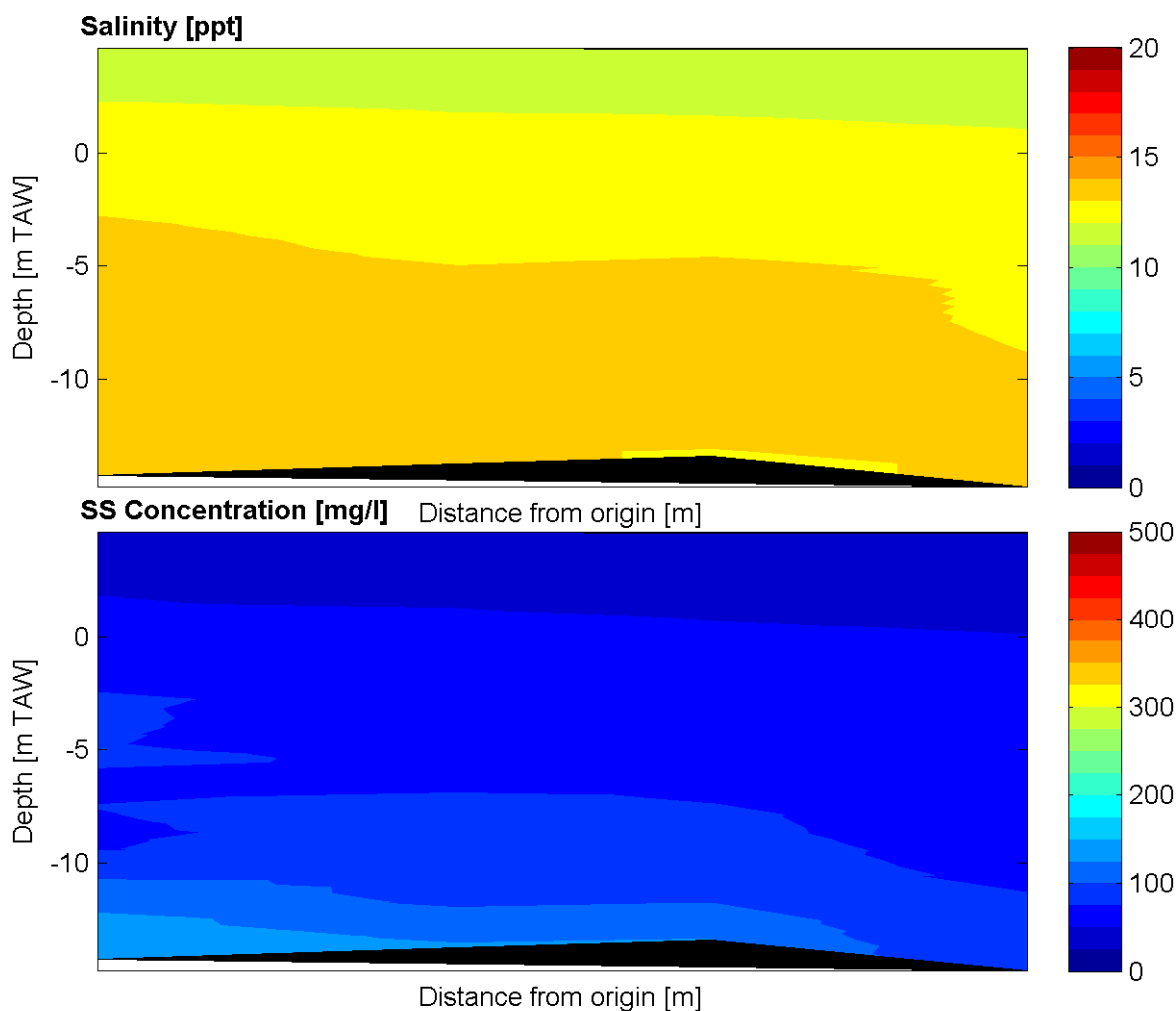
SiltProfiler

Sourcefile:

8300xa.sil - 8300xa.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

16:54 - 16:54

Time after HW [HH:MM]

1:24

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

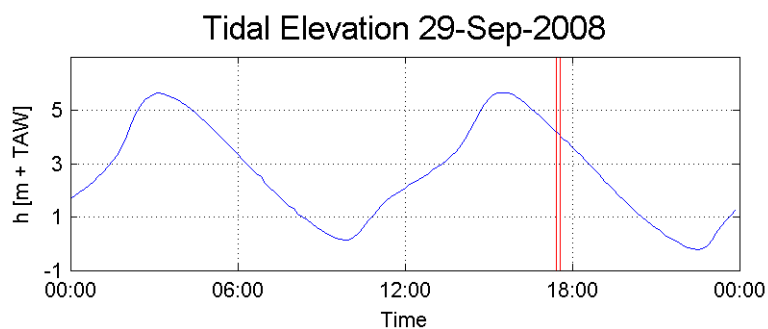
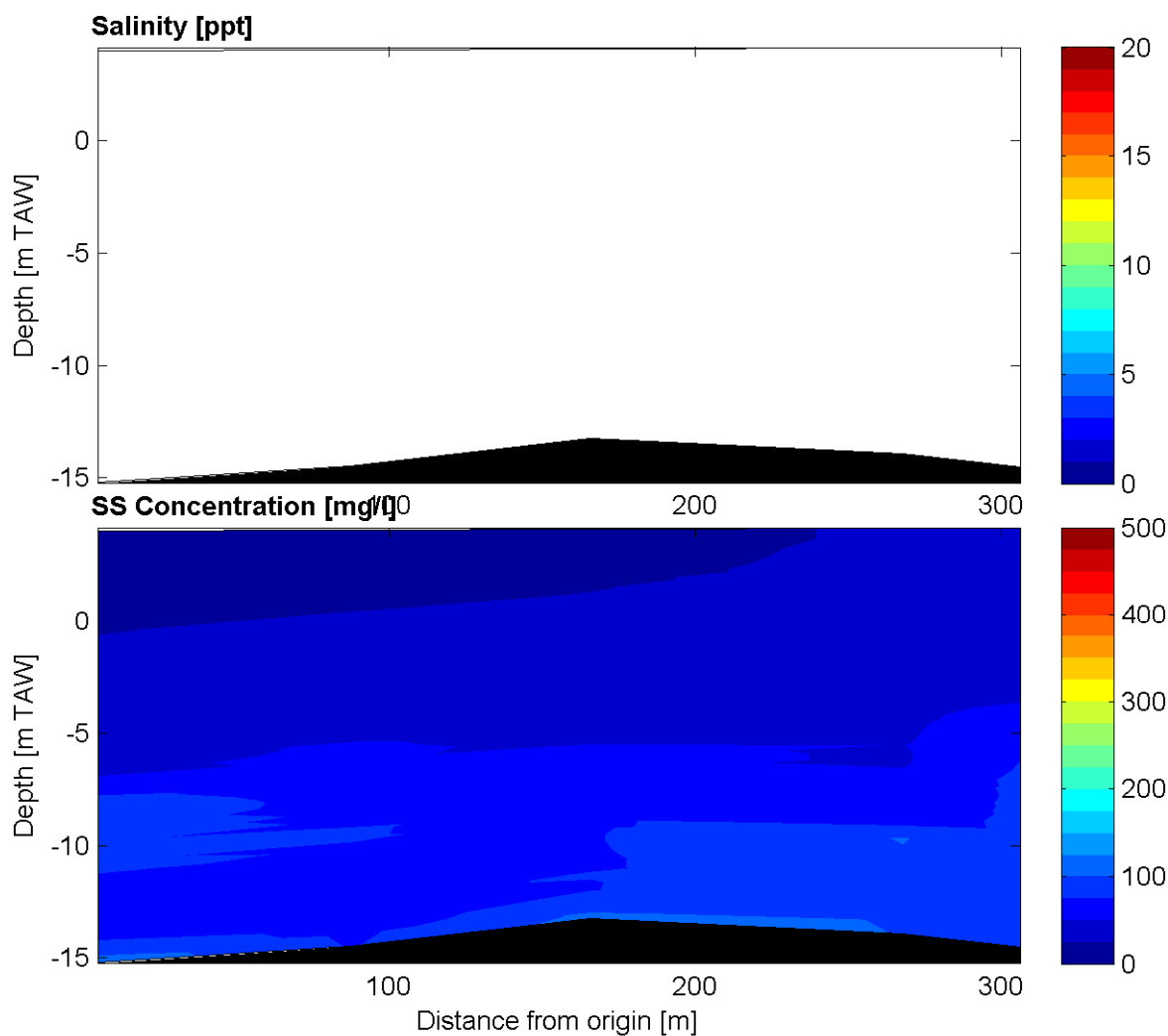
SiltProfiler

Sourcefile:

8319xa.sil - 8315xe.sil

Location:

Deurganckdok



Slack water:

03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

17:33 - 17:25

Time after HW [HH:MM]

1:59

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

I.2 Cross-section Y

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

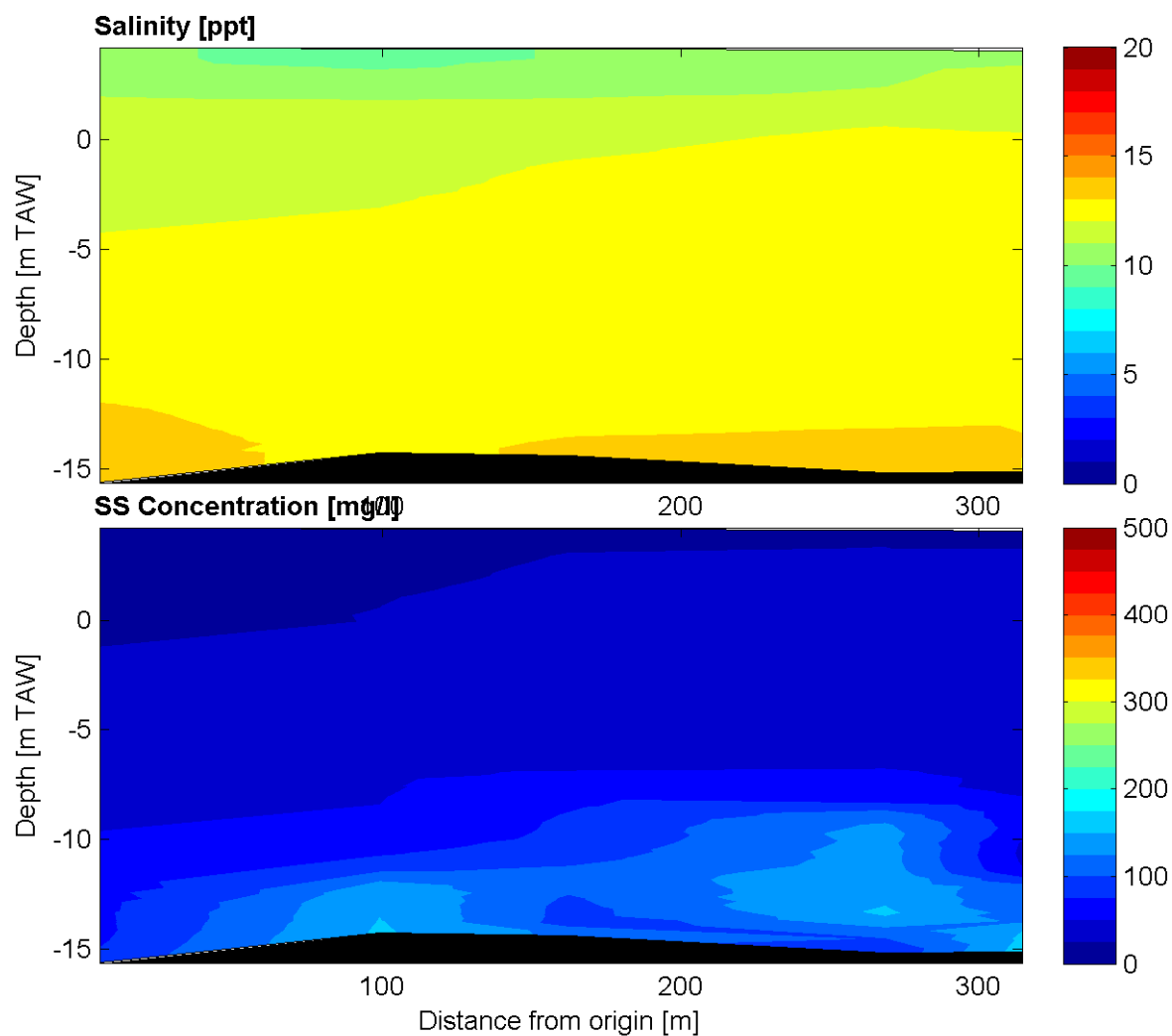
SiltProfiler

Sourcefile:

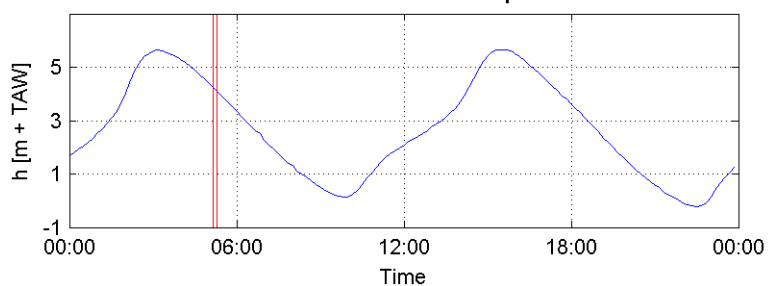
8009ya.sil - 8013ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

05:10 - 05:18

Time after HW [HH:MM]

2:04

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

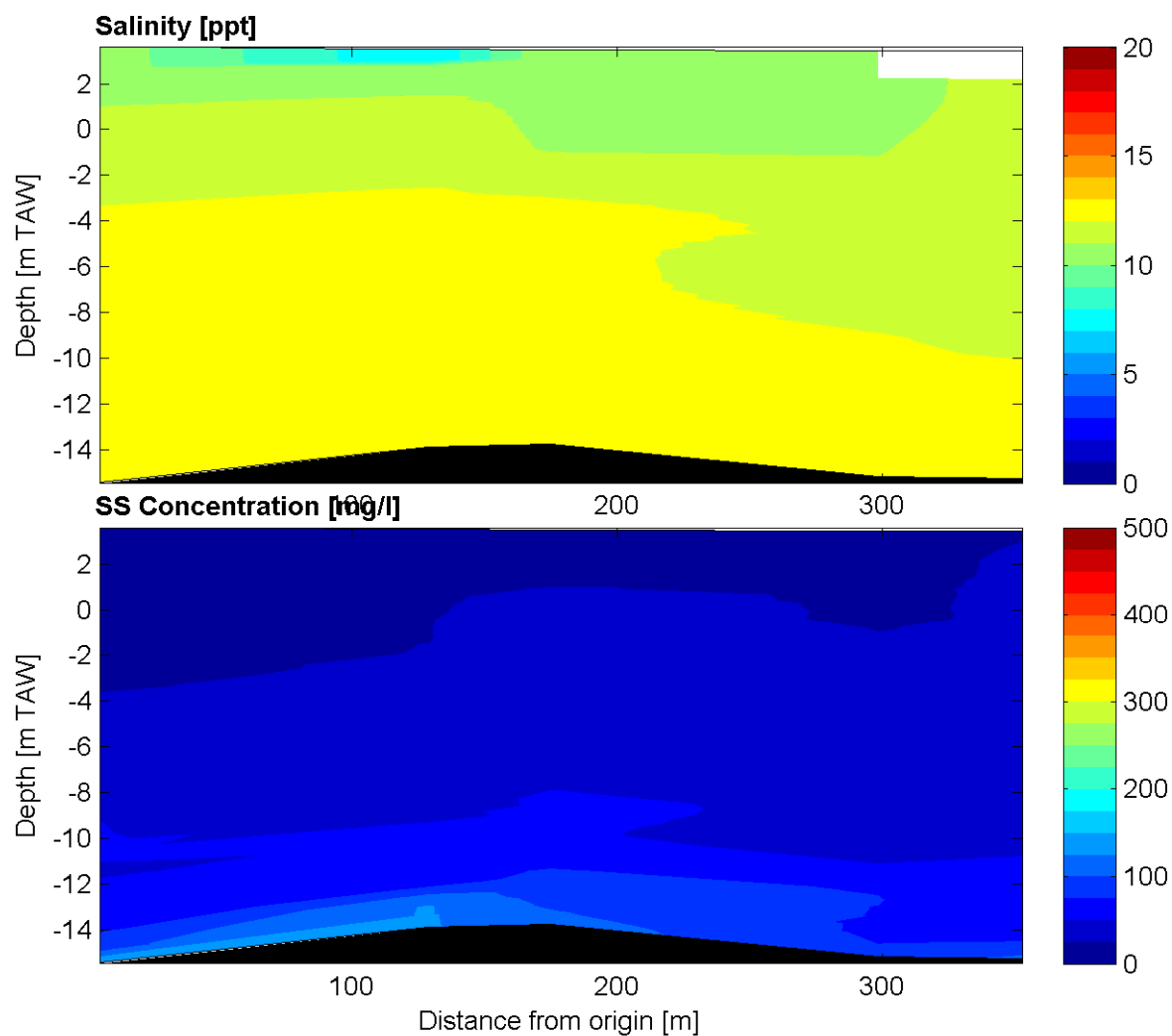
SiltProfiler

Sourcefile:

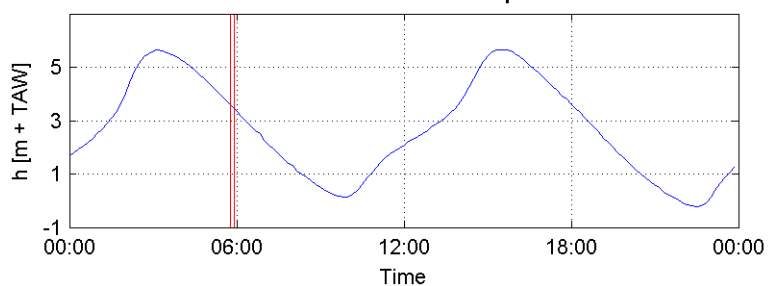
8024ya.sil - 8028ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

05:46 - 05:55

Time after HW [HH:MM]

2:40

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

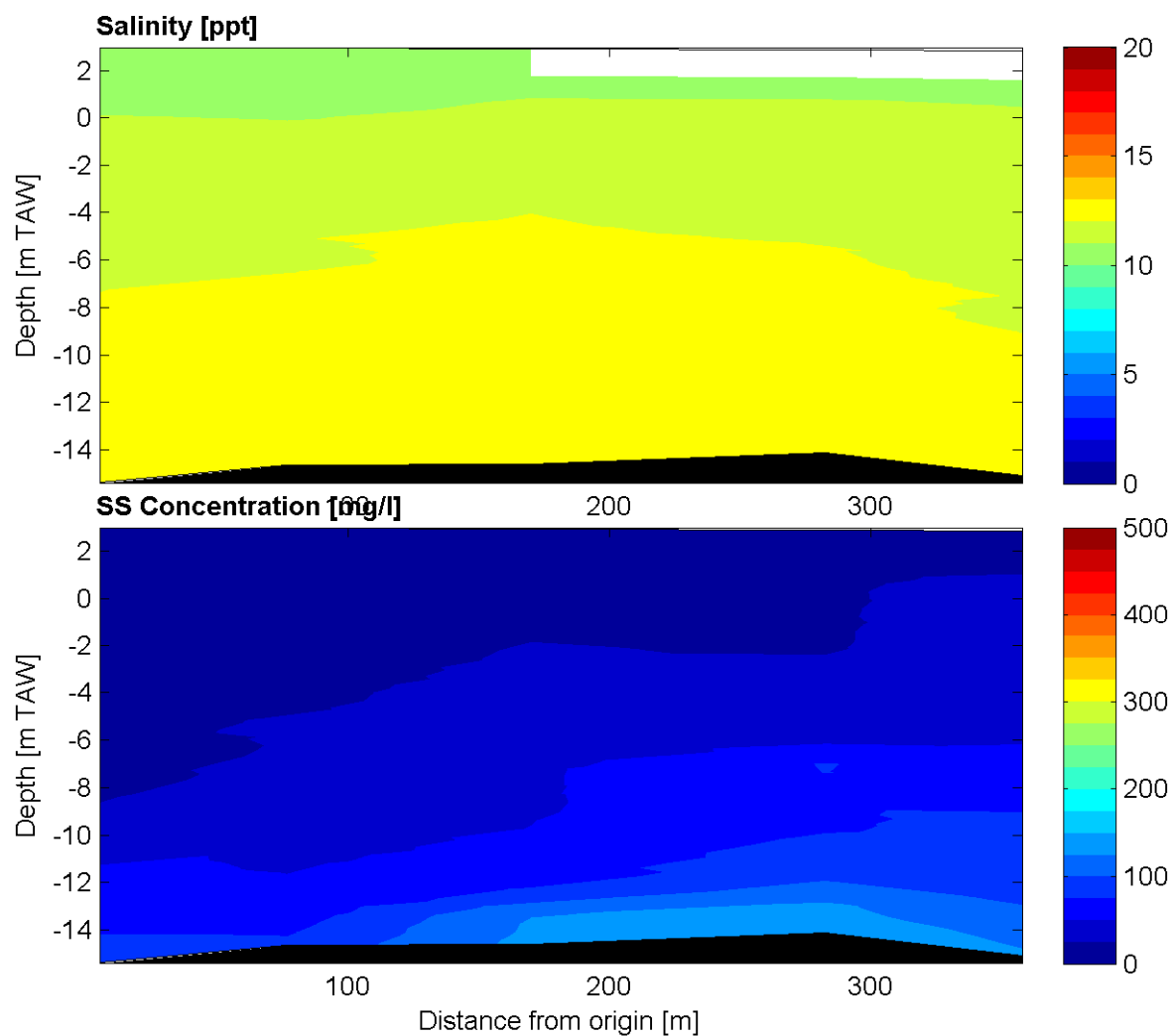
SiltProfiler

Sourcefile:

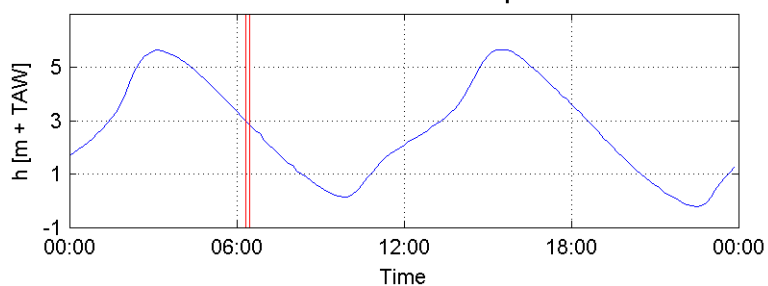
8039ya.sil - 8043ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

06:20 - 06:27

Time after HW [HH:MM]

3:13

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

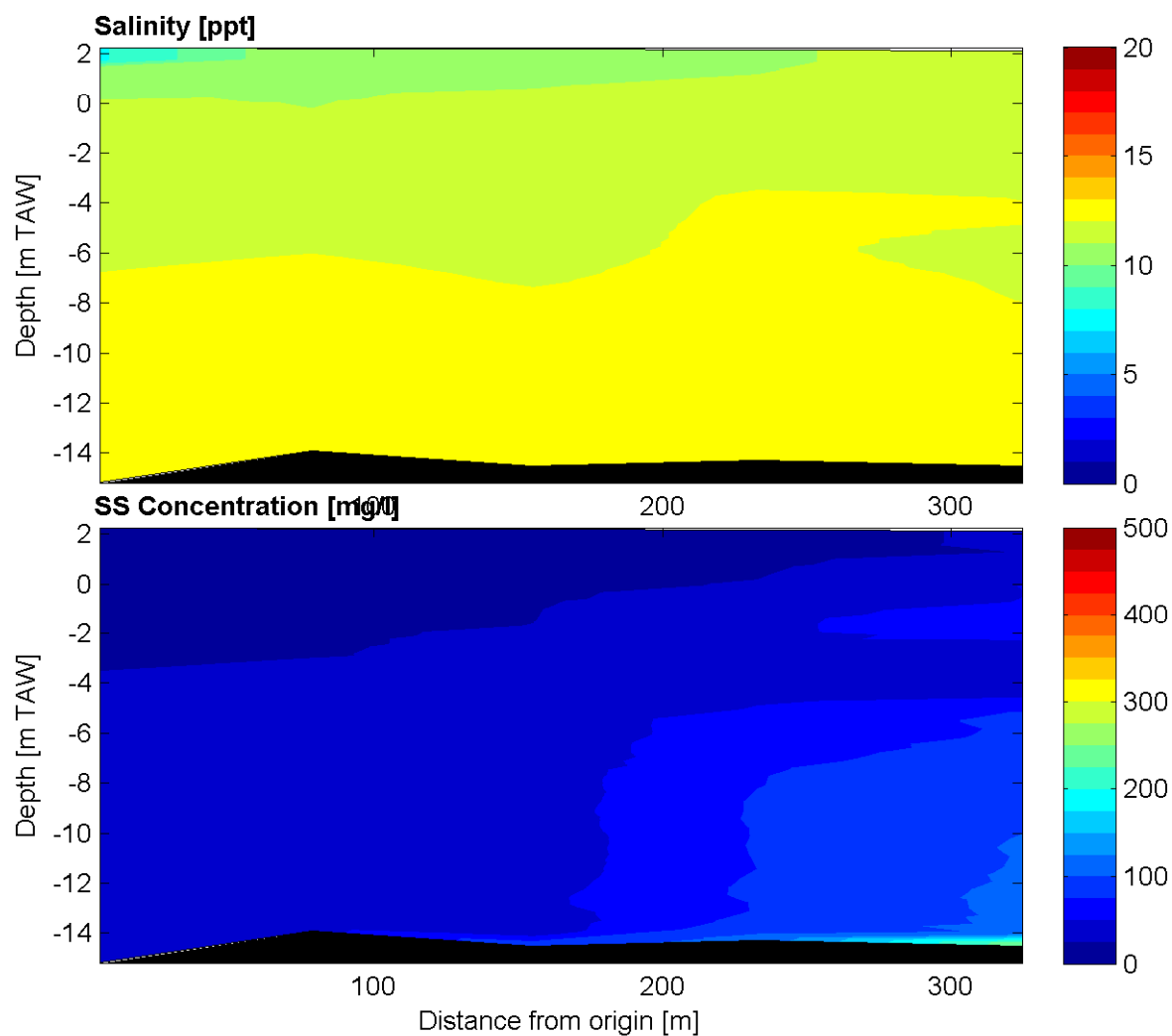
SiltProfiler

Sourcefile:

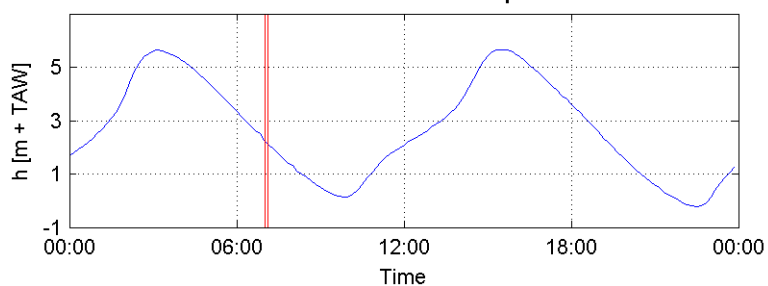
8055ya.sil - 8059ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:00 - 07:07

Time after HW [HH:MM]

3:53

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

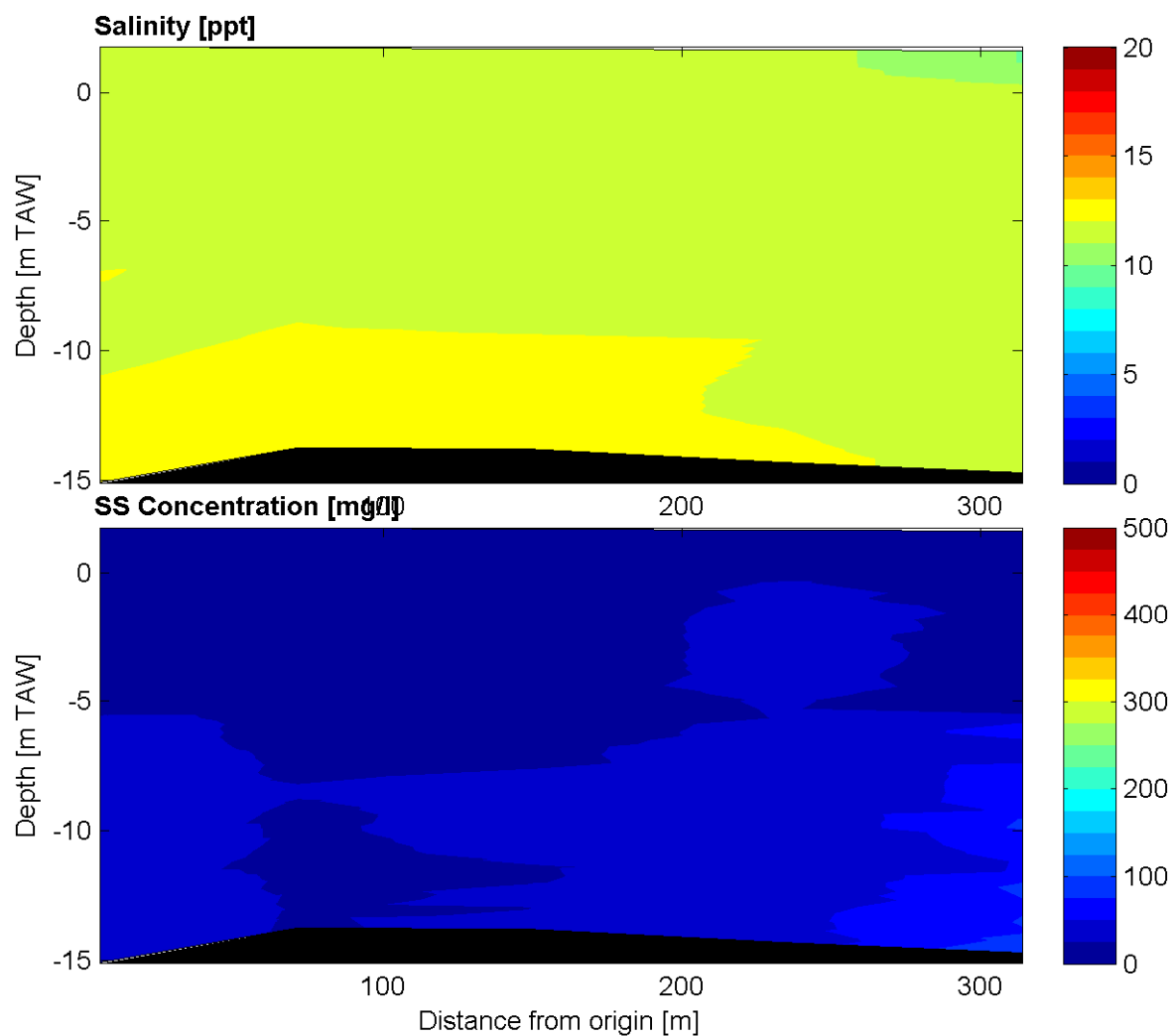
SiltProfiler

Sourcefile:

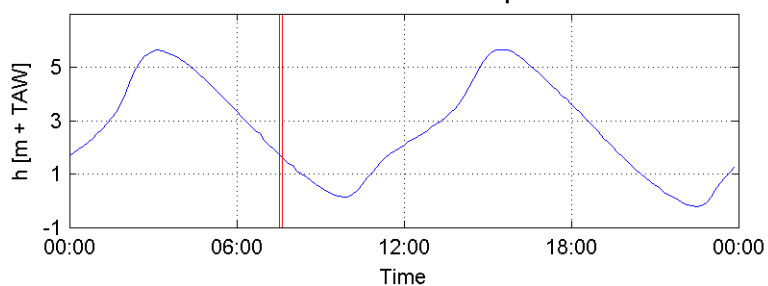
8070ya.sil - 8074ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:31 - 07:37

Time after HW [HH:MM]

4:24

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

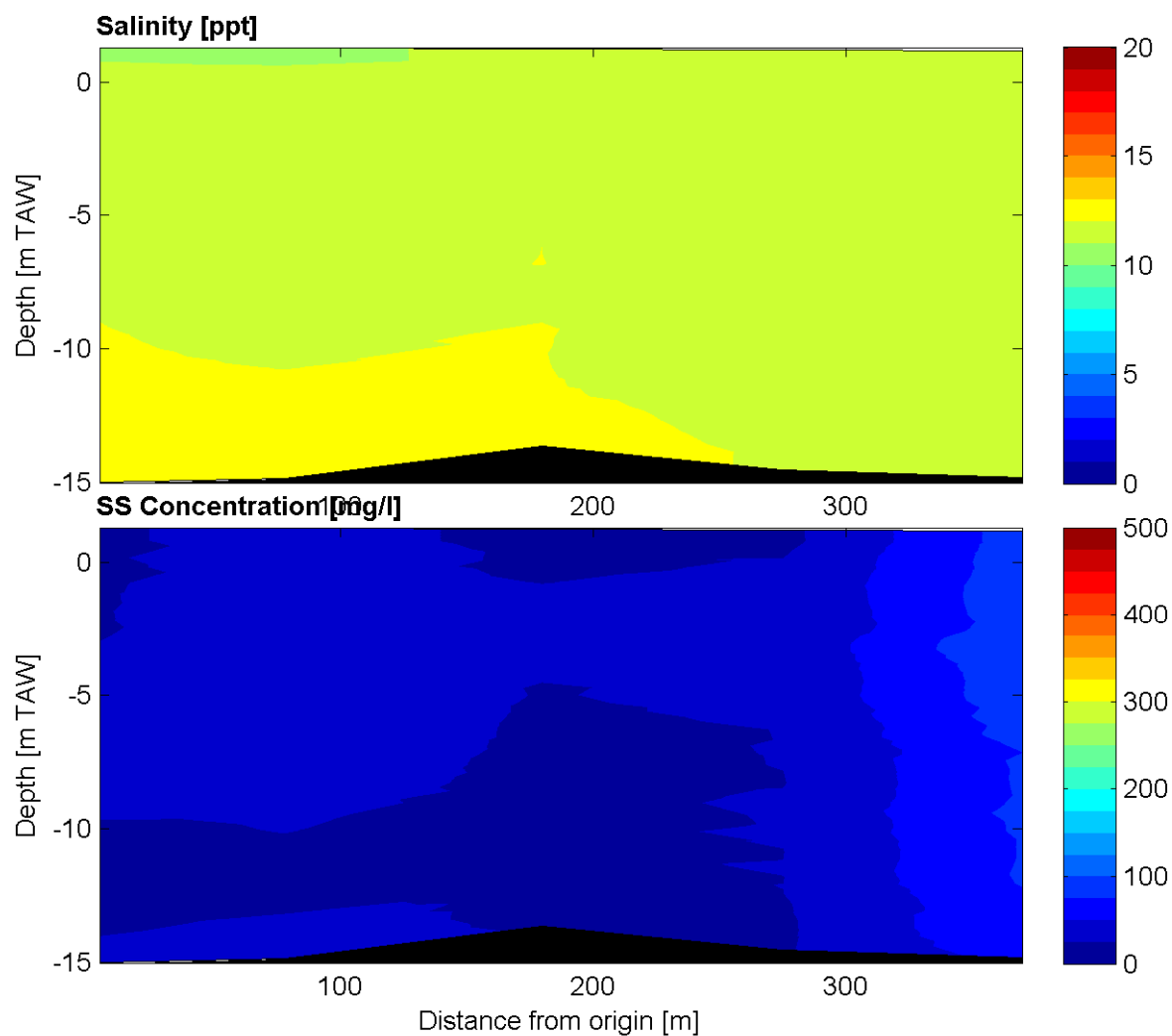
SiltProfiler

Sourcefile:

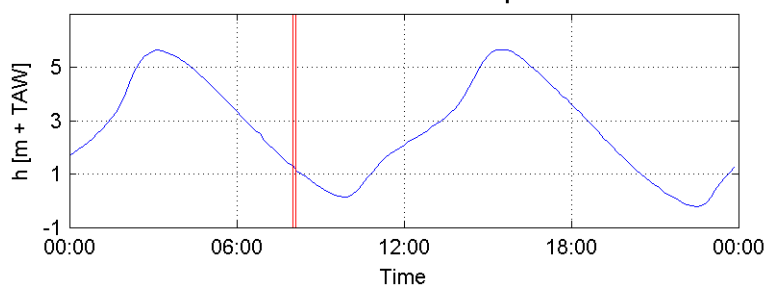
8085ya.sil - 8089ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

08:01 - 08:07

Time after HW [HH:MM]

4:54

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

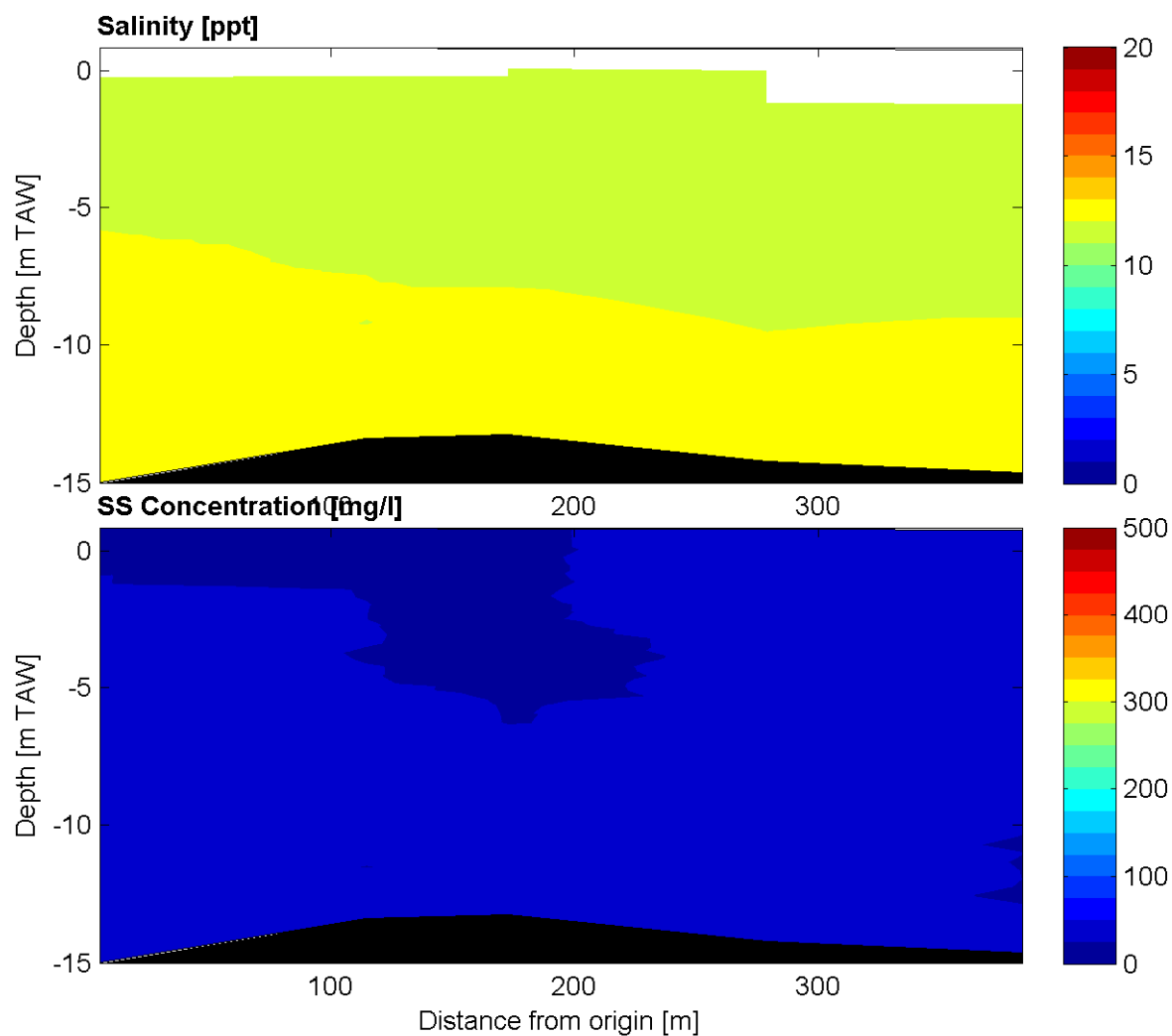
SiltProfiler

Sourcefile:

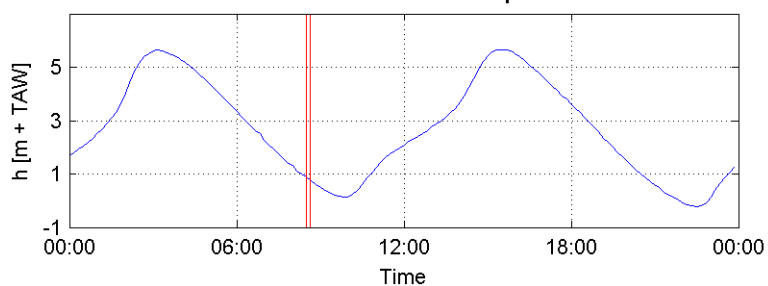
8100ya.sil - 8104ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

08:30 - 08:37

Time after HW [HH:MM]

5:24

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

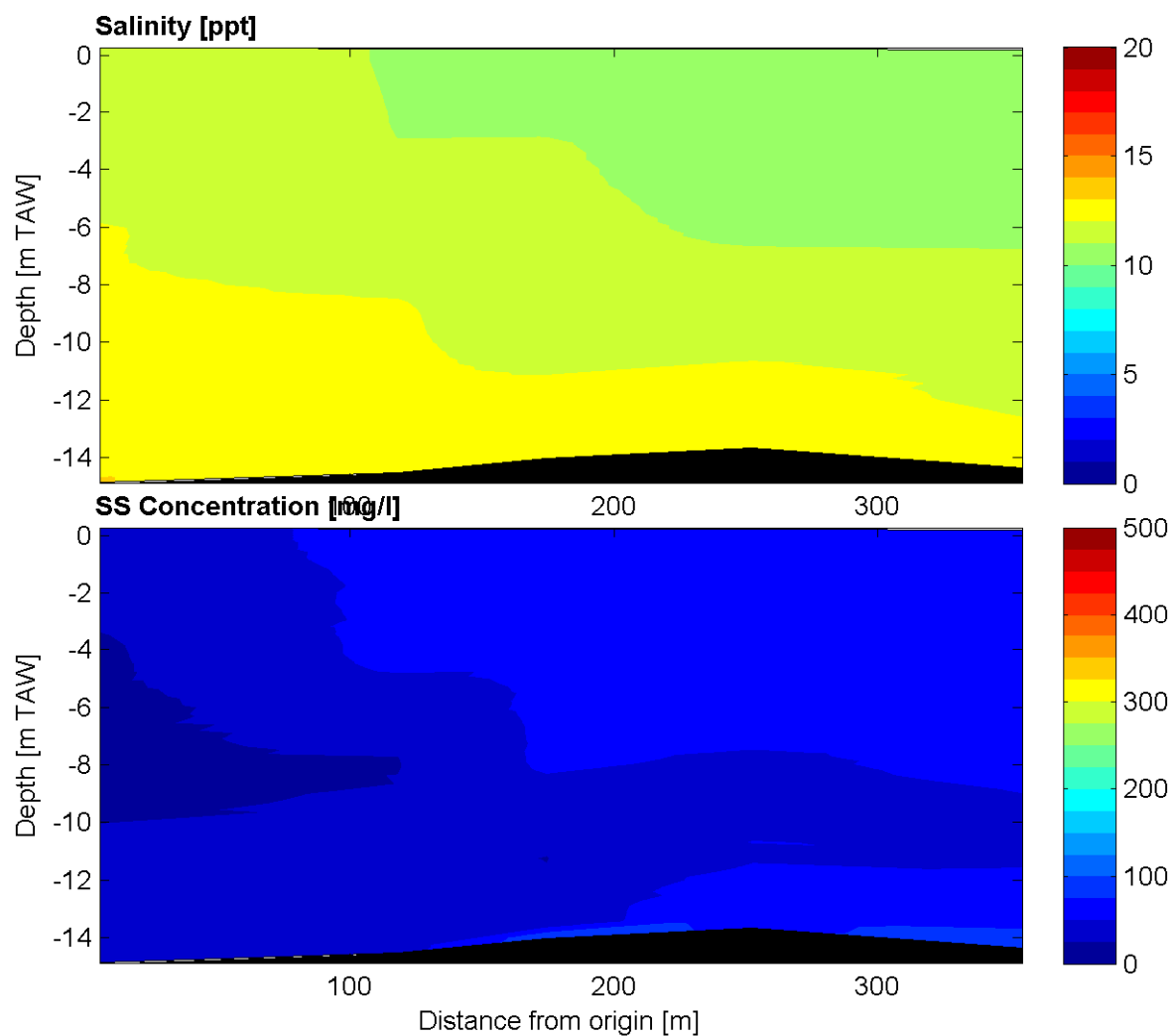
SiltProfiler

Sourcefile:

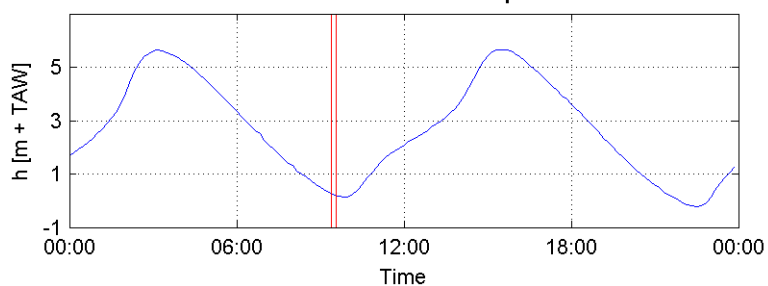
8120ya.sil - 8124ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

09:24 - 09:33

Time after HW [HH:MM]

6:18

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

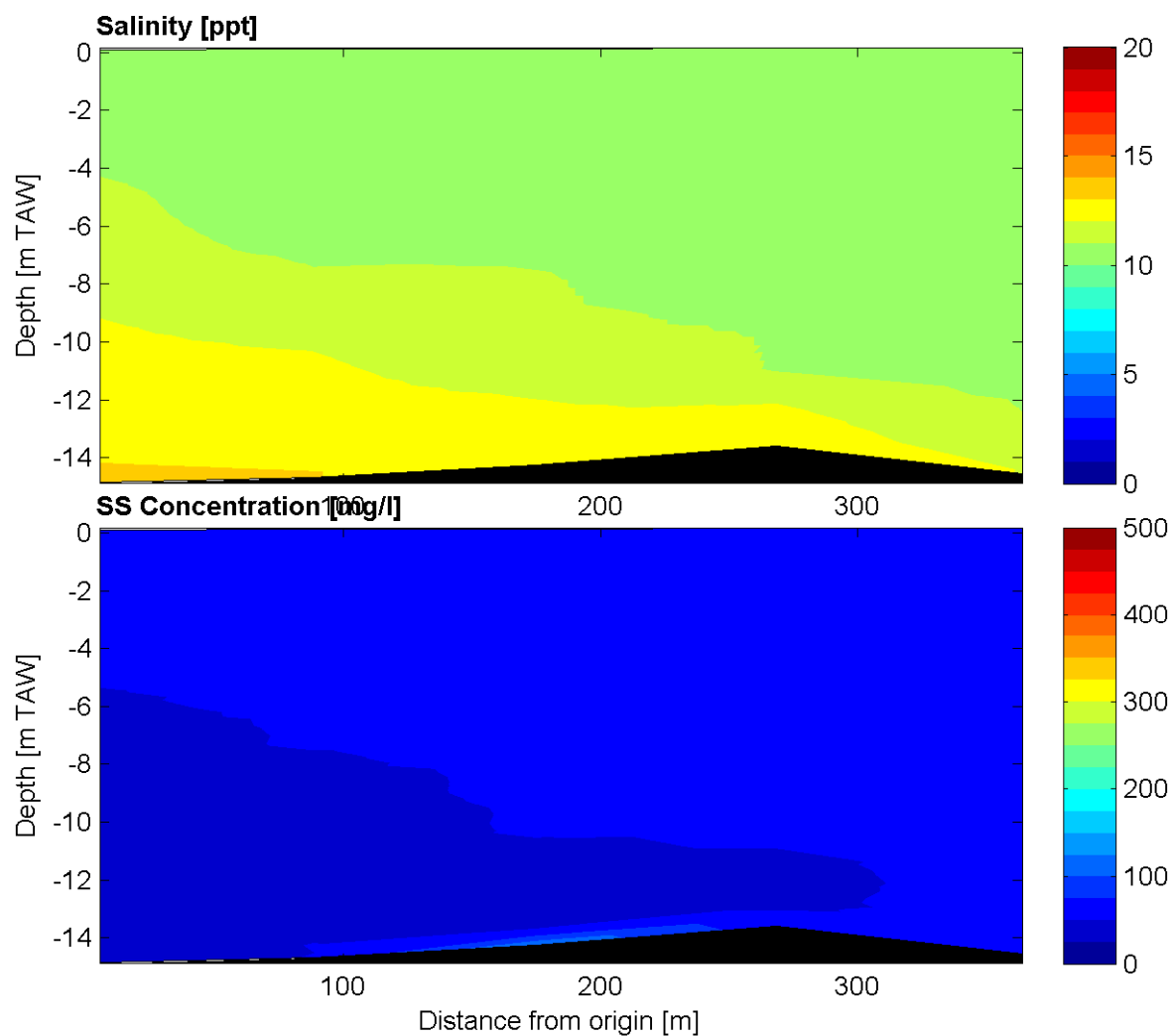
SiltProfiler

Sourcefile:

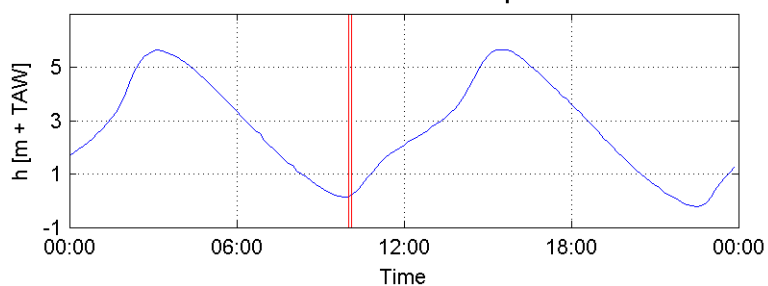
8135ya.sil - 8139ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

10:00 - 10:06

Time after HW [HH:MM]

-5:26

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

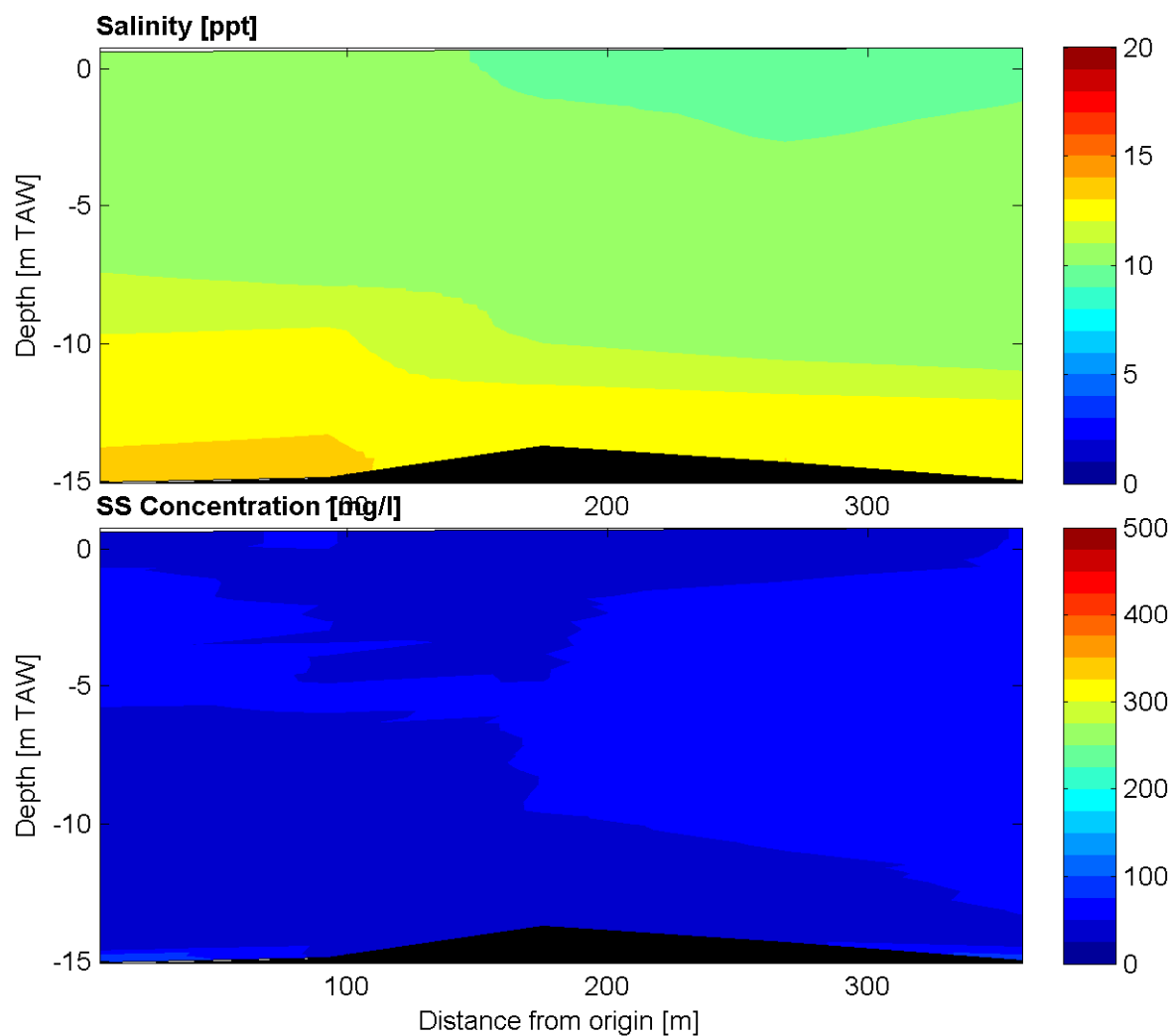
SiltProfiler

Sourcefile:

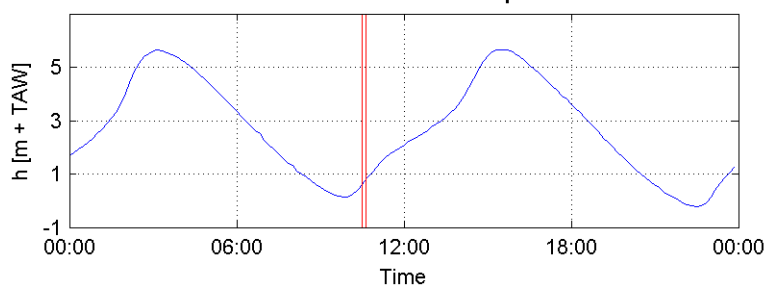
8150ya.sil - 8154ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

10:30 - 10:37

Time after HW [HH:MM]

-4:55

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

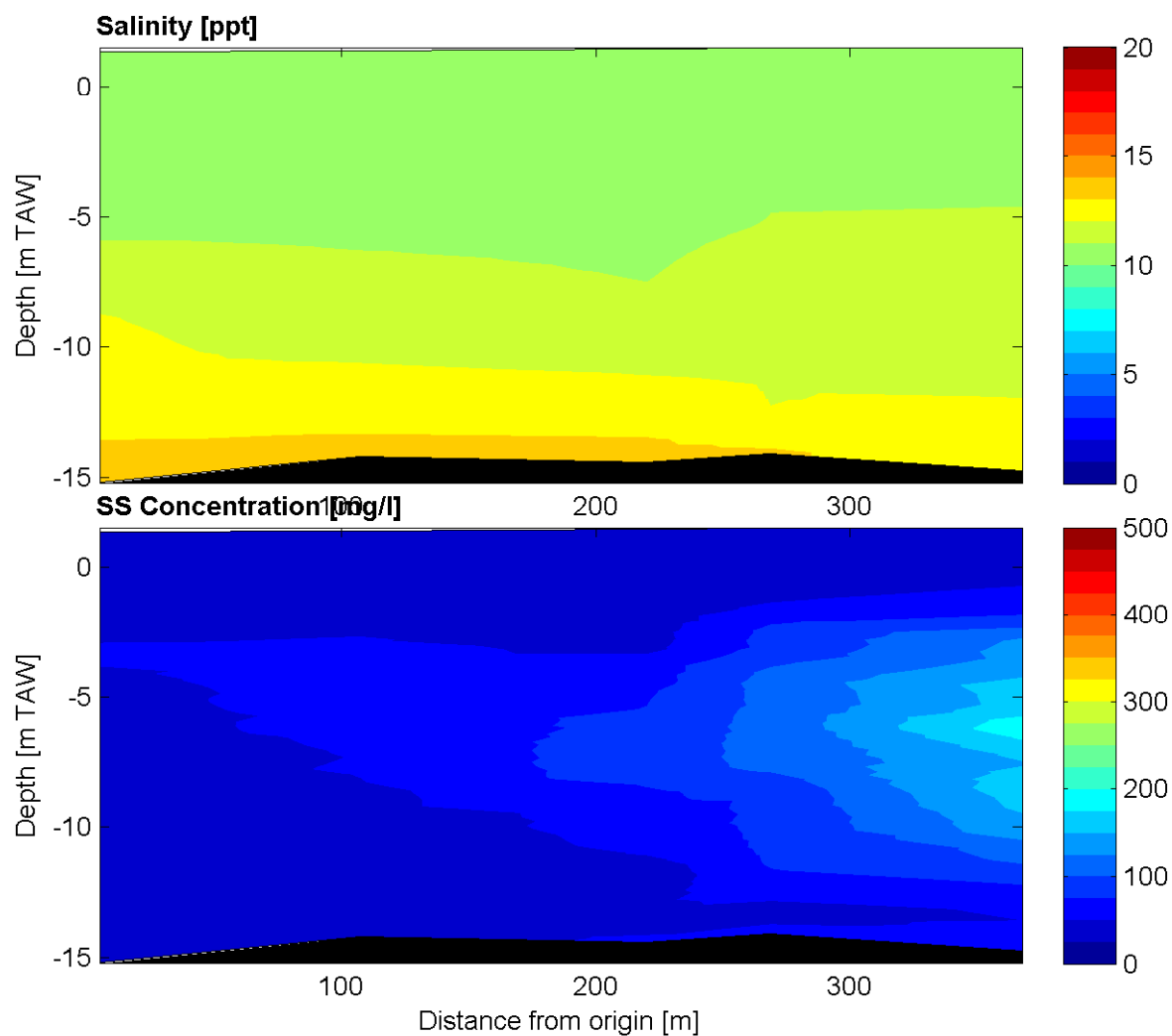
SiltProfiler

Sourcefile:

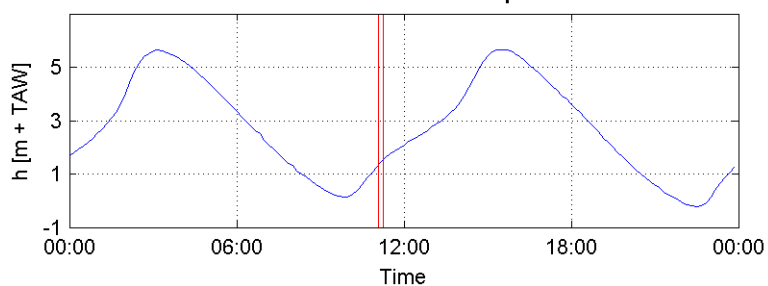
8165ya.sil - 8169ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

11:05 - 11:15

Time after HW [HH:MM]

-4:19

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

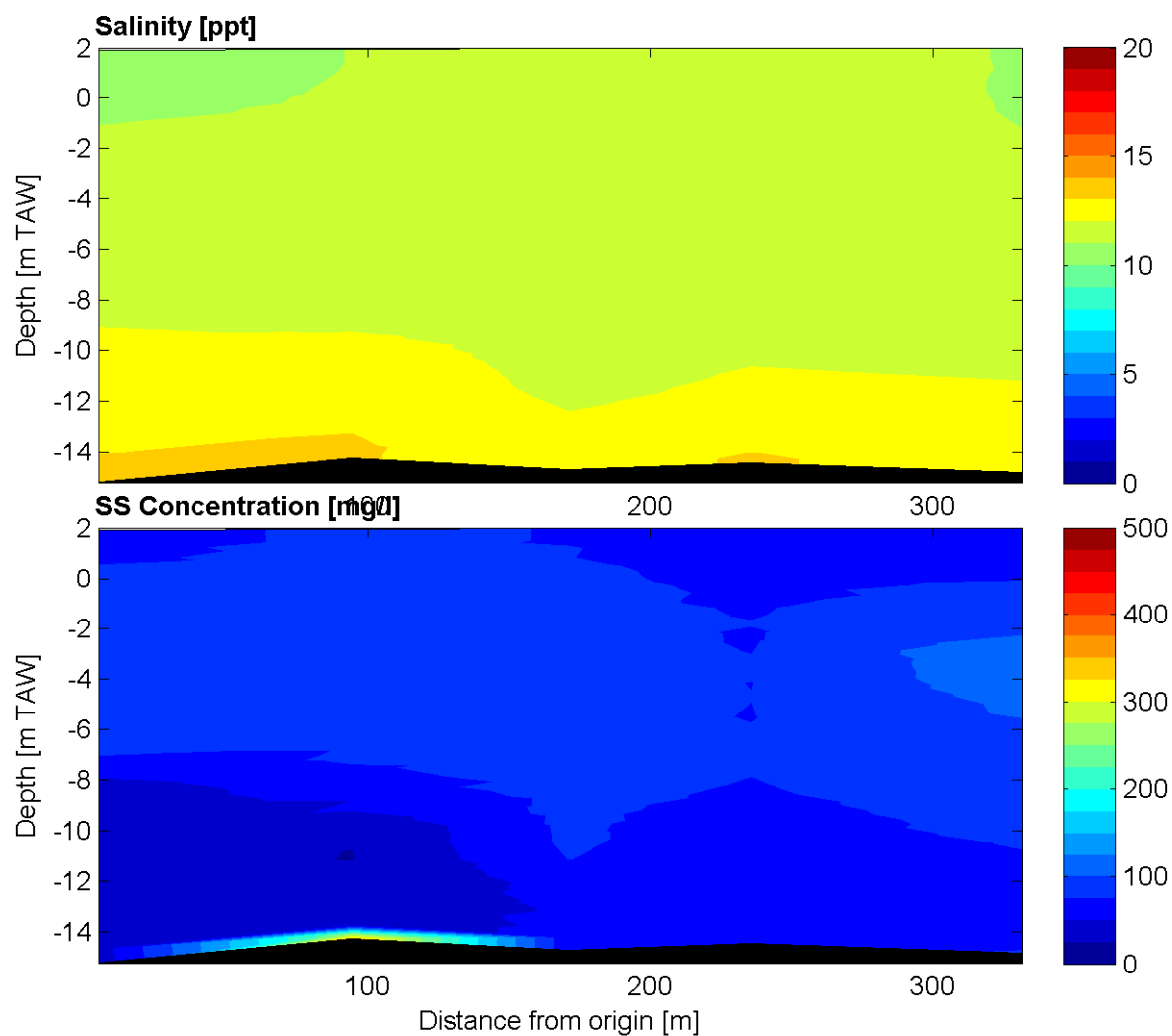
SiltProfiler

Sourcefile:

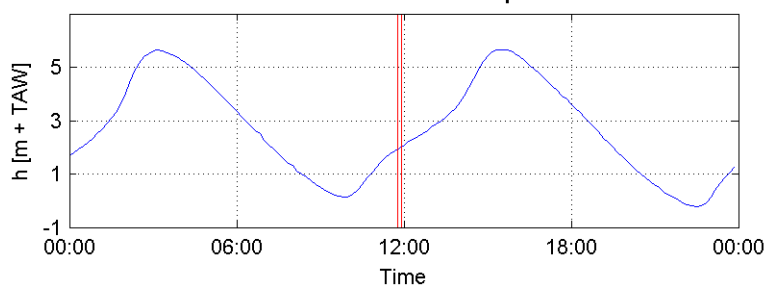
8180ya.sil - 8184ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

11:46 - 11:54

Time after HW [HH:MM]

-3:39

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

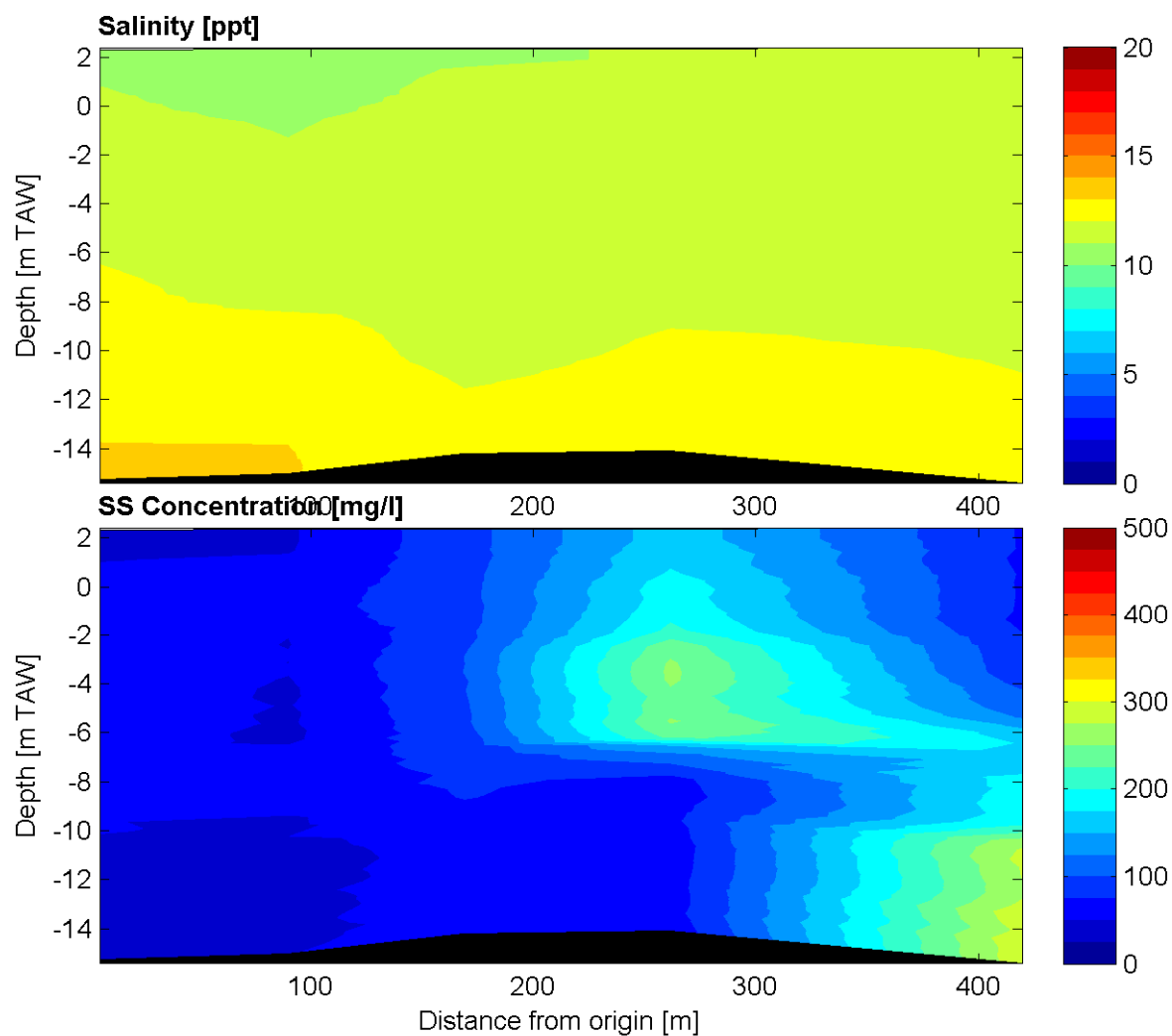
SiltProfiler

Sourcefile:

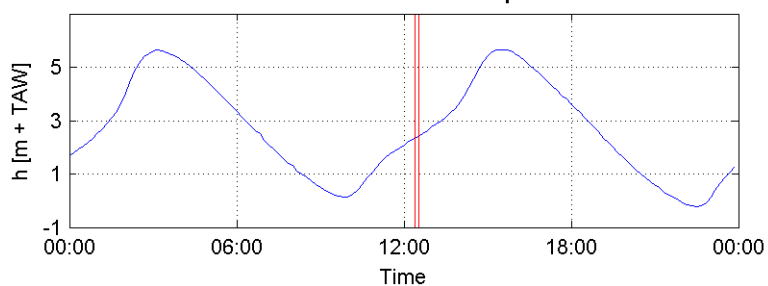
8195ya.sil - 8199ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

12:23 - 12:31

Time after HW [HH:MM]

-3:02

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

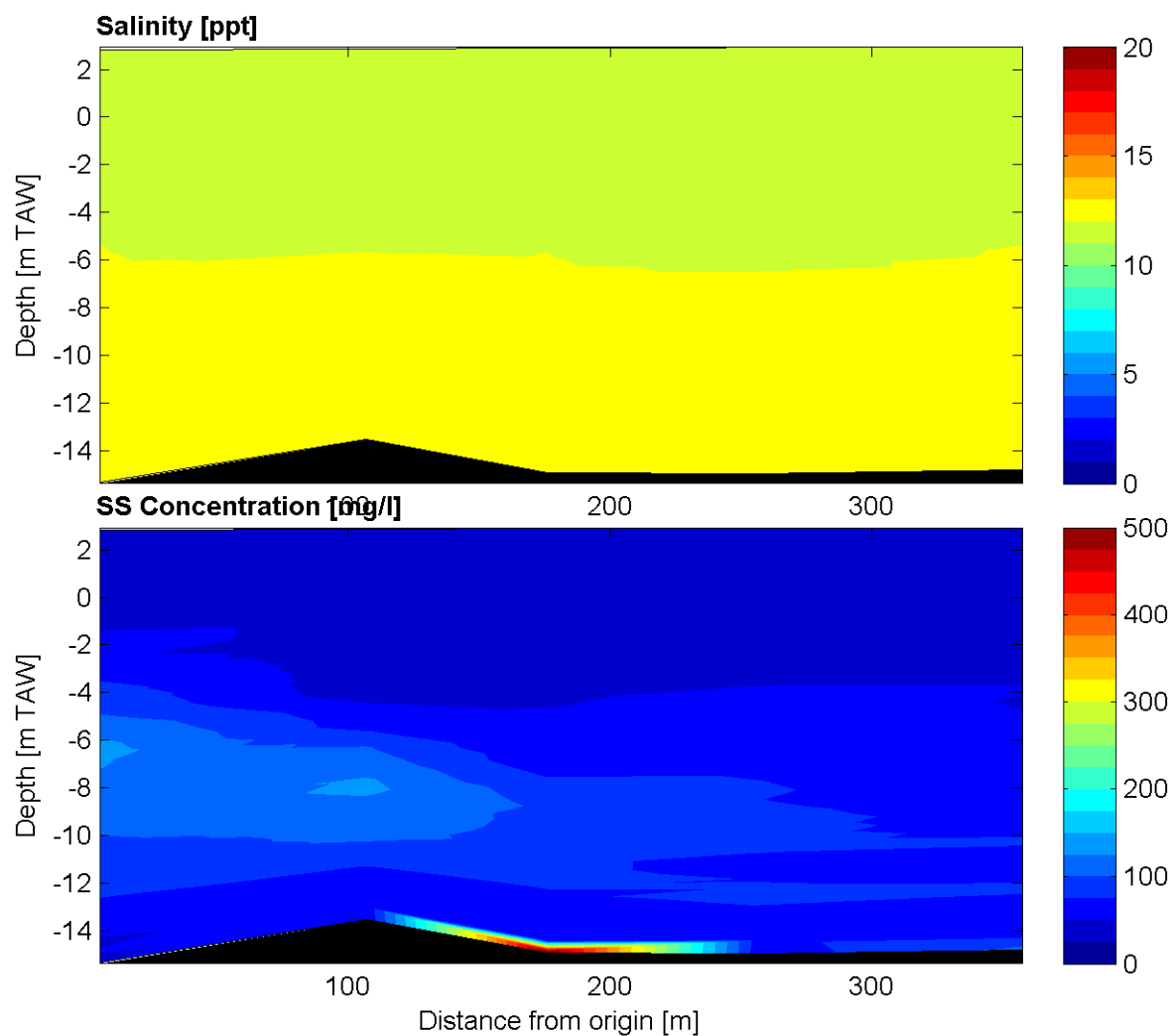
SiltProfiler

Sourcefile:

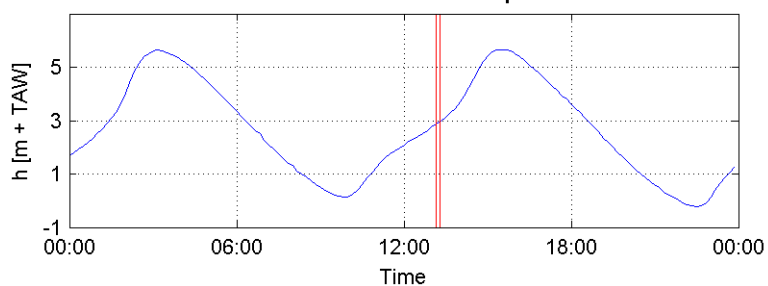
8215ya.sil - 8219ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

13:09 - 13:17

Time after HW [HH:MM]

-2:16

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

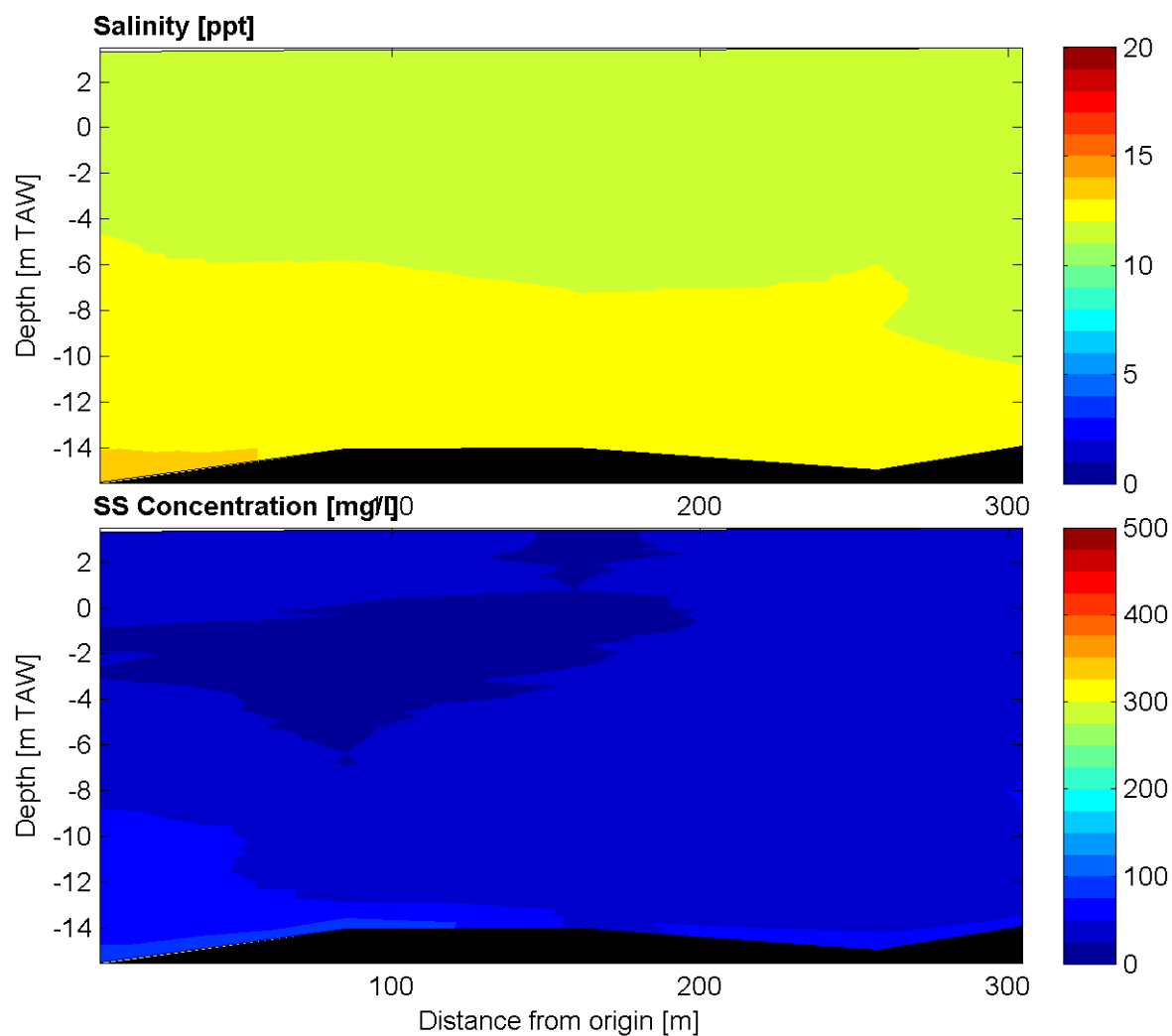
SiltProfiler

Sourcefile:

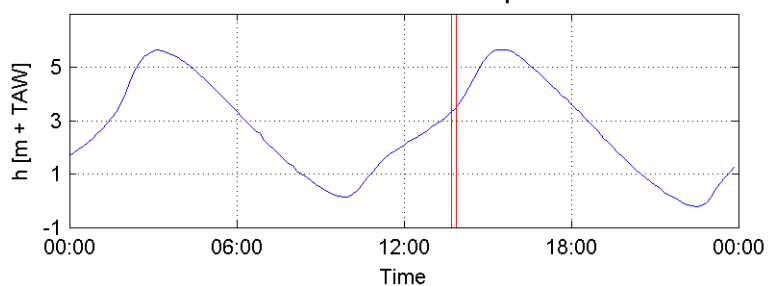
8230ya.sil - 8234ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

13:43 - 13:53

Time after HW [HH:MM]

-1:41

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

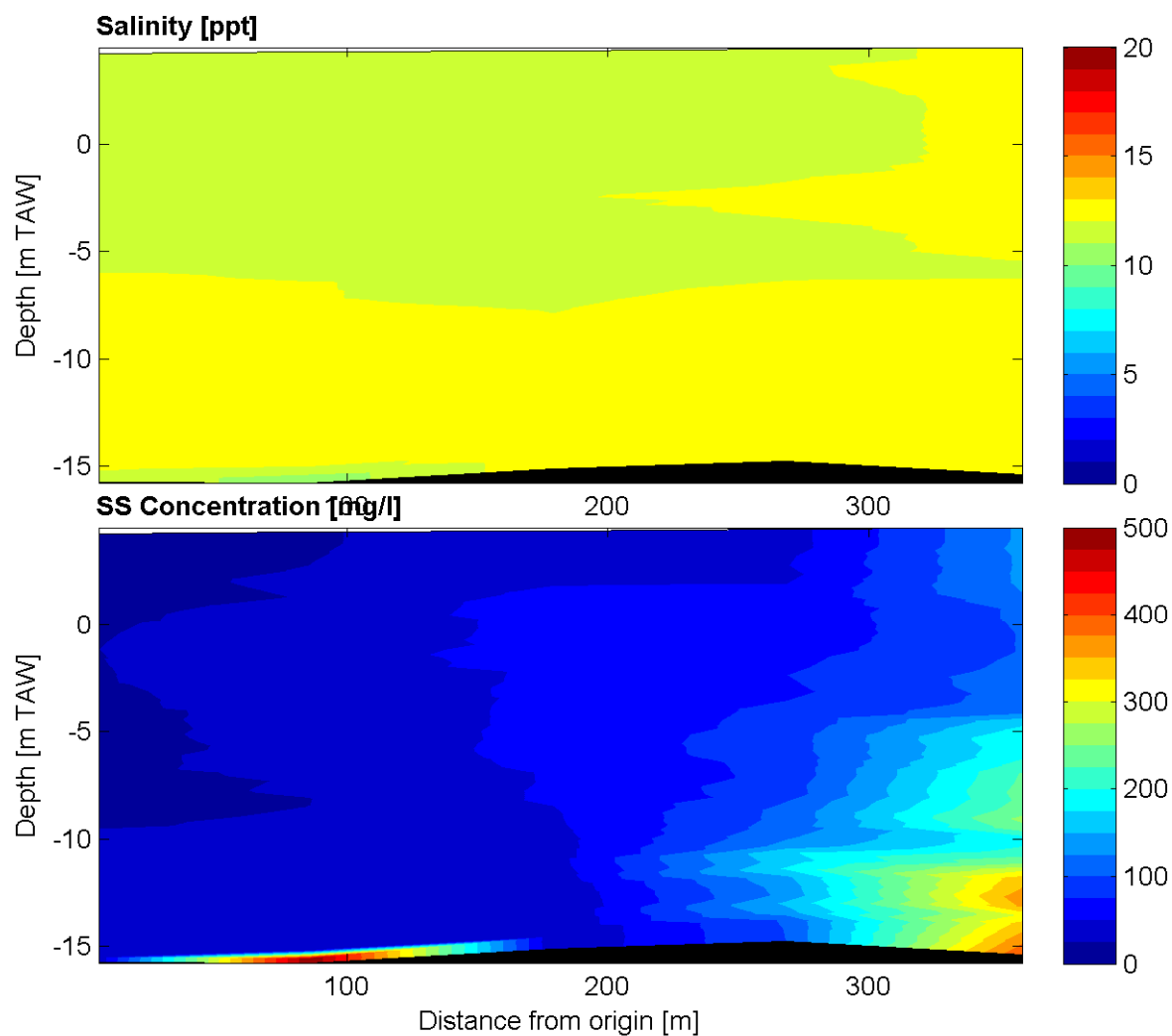
SiltProfiler

Sourcefile:

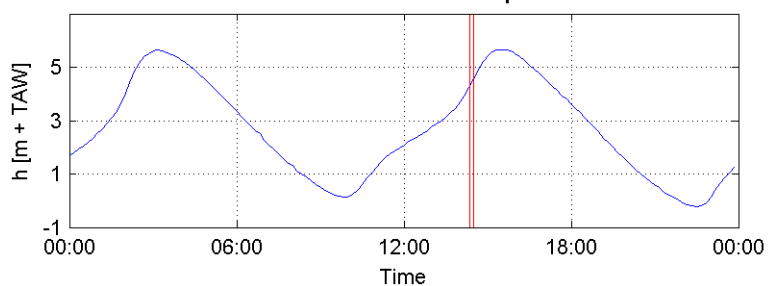
8245ya.sil - 8249ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

14:21 - 14:29

Time after HW [HH:MM]

-1:04

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

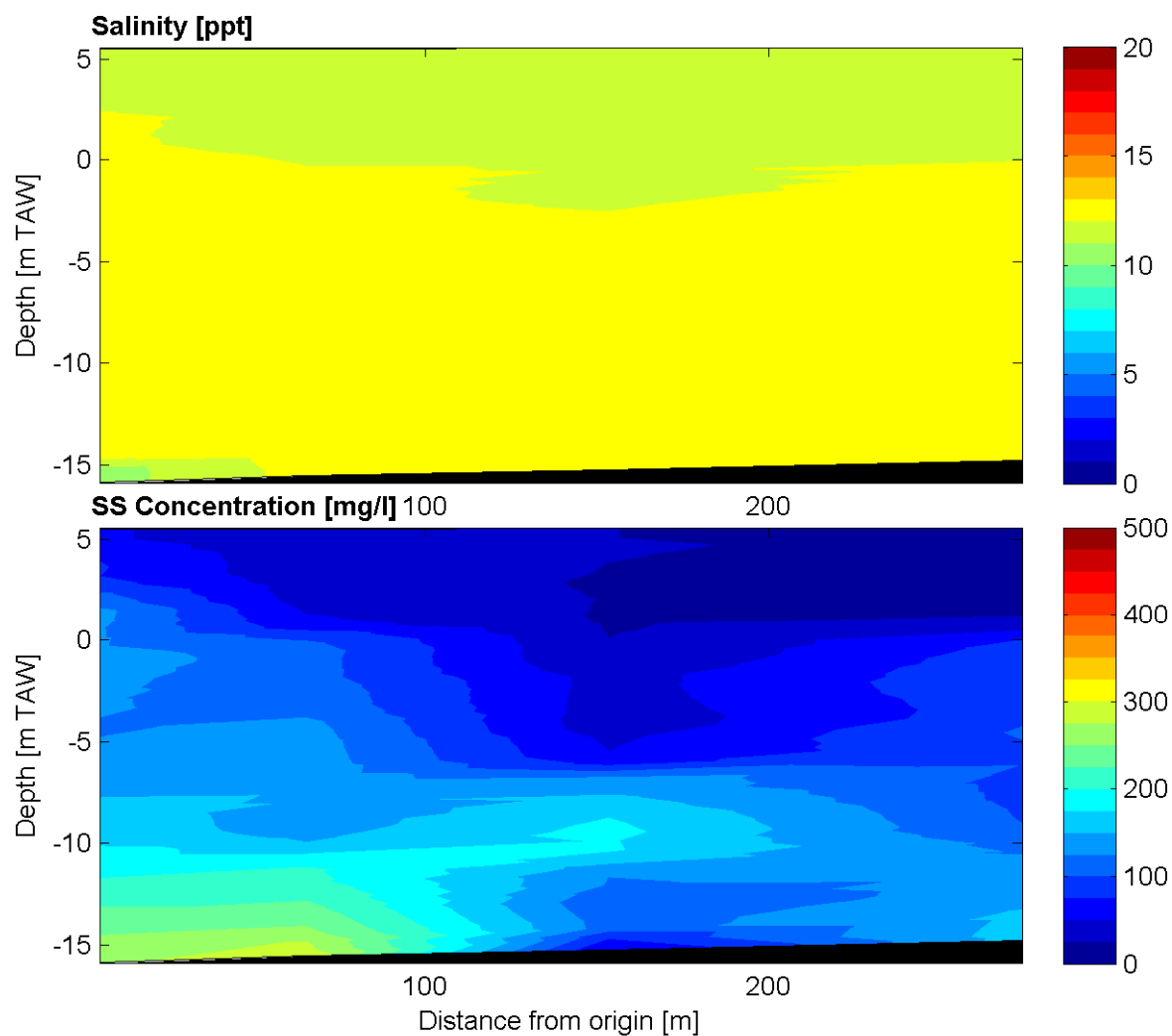
SiltProfiler

Sourcefile:

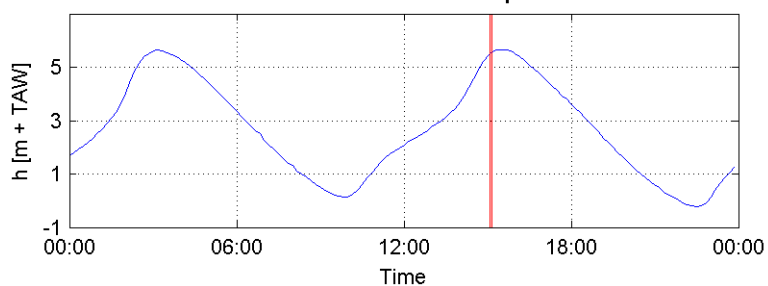
8260ya.sil - 8263yd.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

15:04 - 15:10

Time after HW [HH:MM]

-0:22

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

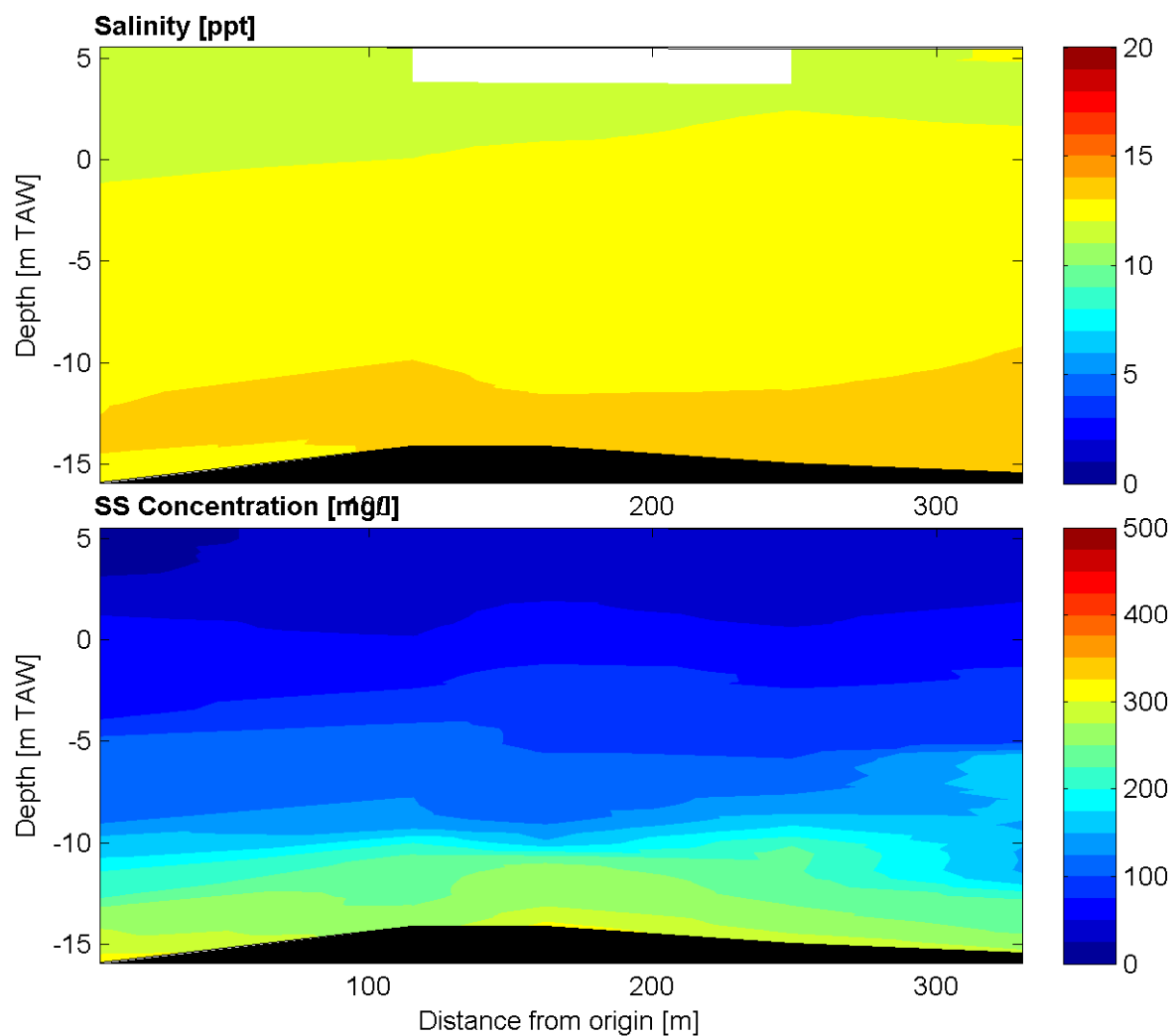
SiltProfiler

Sourcefile:

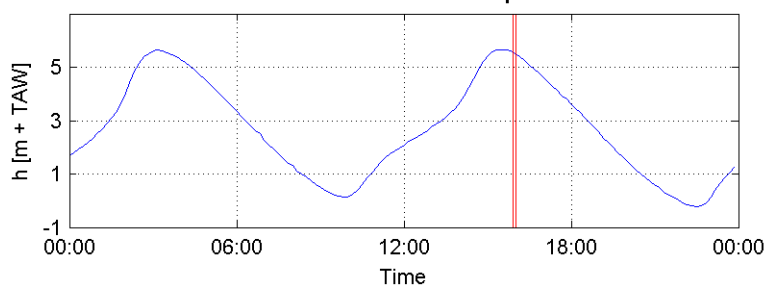
8275ya.sil - 8279ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

15:54 - 16:01

Time after HW [HH:MM]

0:27

Data Processed by:



In association with:



WL | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

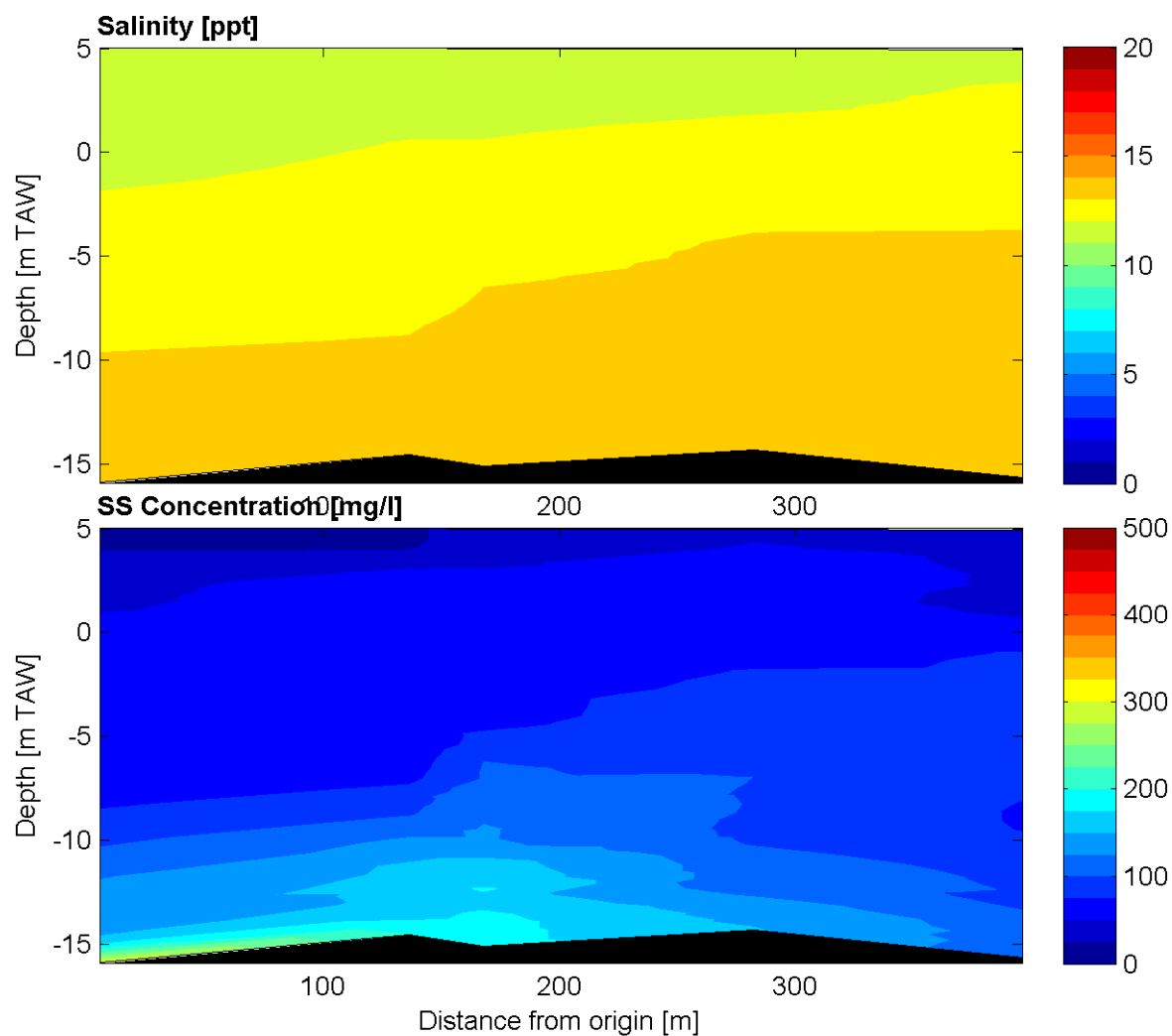
SiltProfiler

Sourcefile:

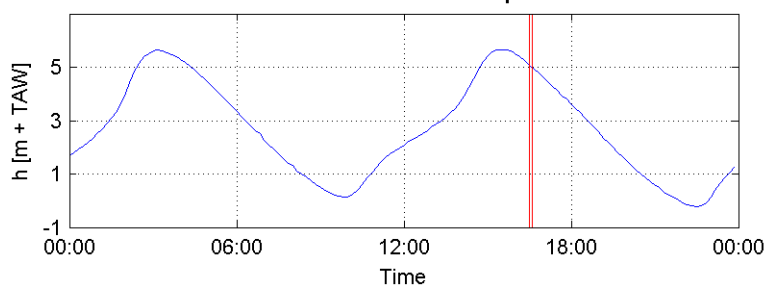
8290ya.sil - 8294ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

16:30 - 16:37

Time after HW [HH:MM]

1:03

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

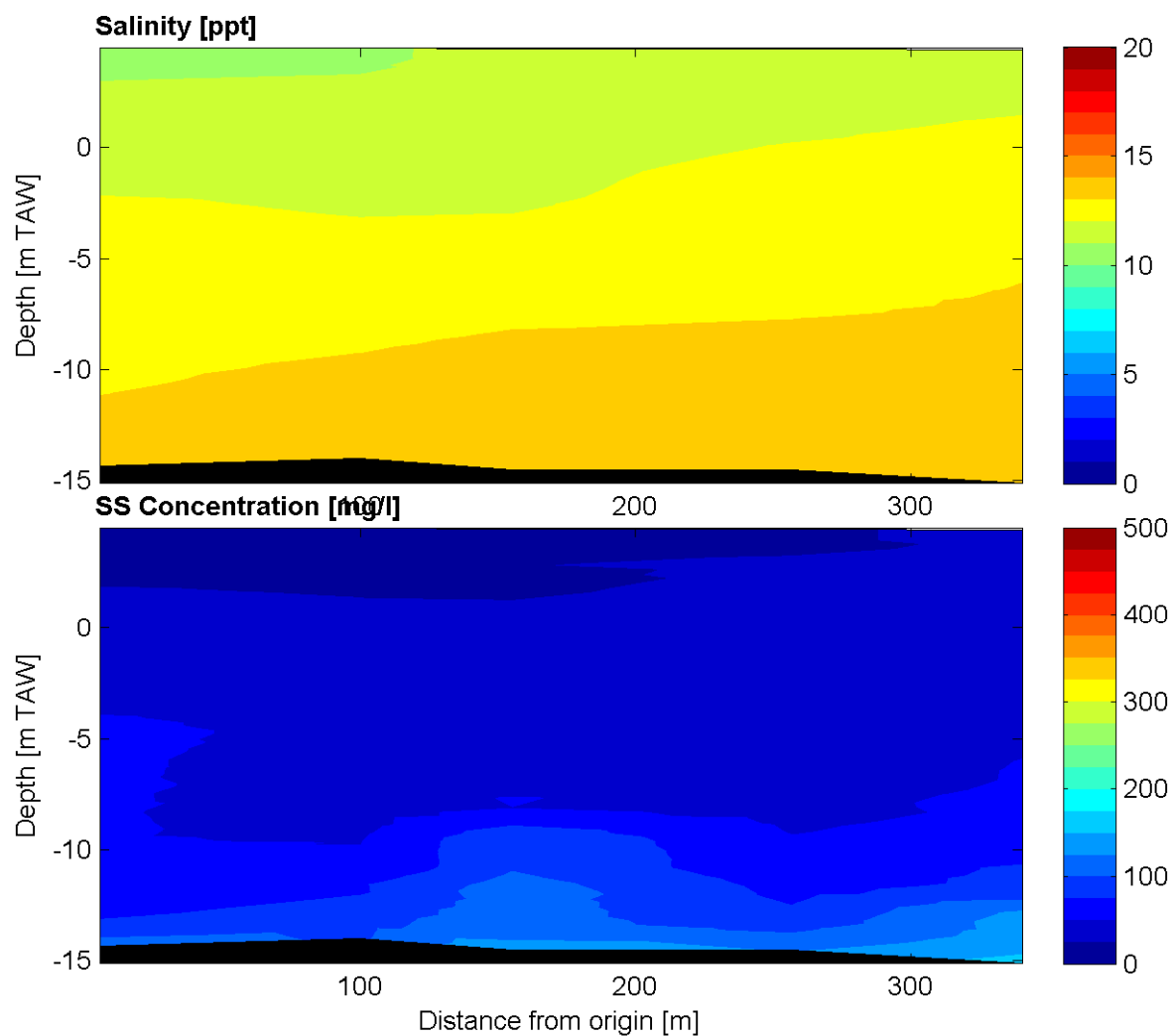
SiltProfiler

Sourcefile:

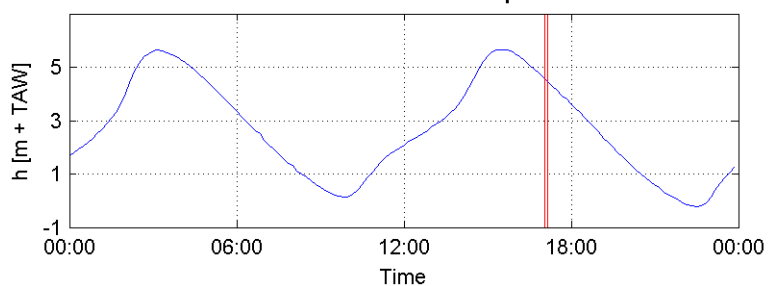
8305ya.sil - 8309ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

17:02 - 17:09

Time after HW [HH:MM]

1:36

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

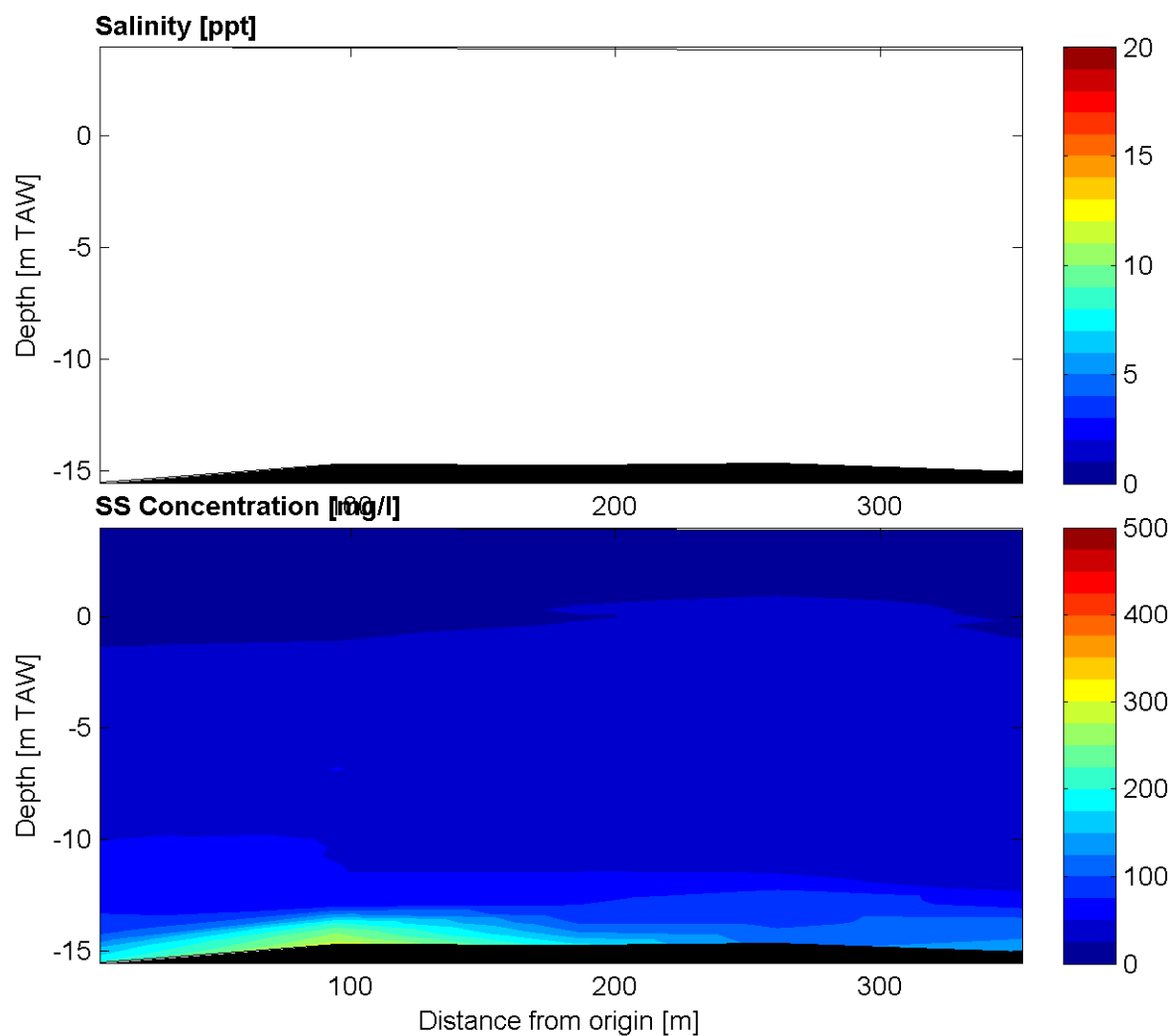
SiltProfiler

Sourcefile:

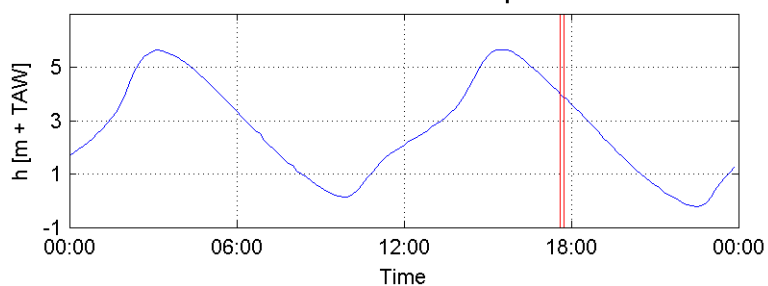
8320ya.sil - 8324ye.sil

Location:

Deurganckdok



Tidal Elevation 29-Sep-2008



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

17:36 - 17:43

Time after HW [HH:MM]

2:09

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

I.3 Cross-section Z

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

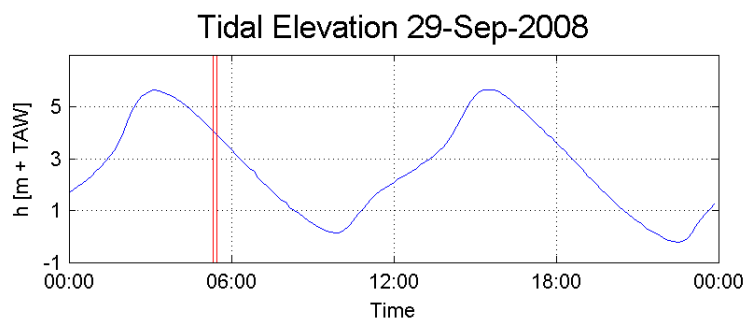
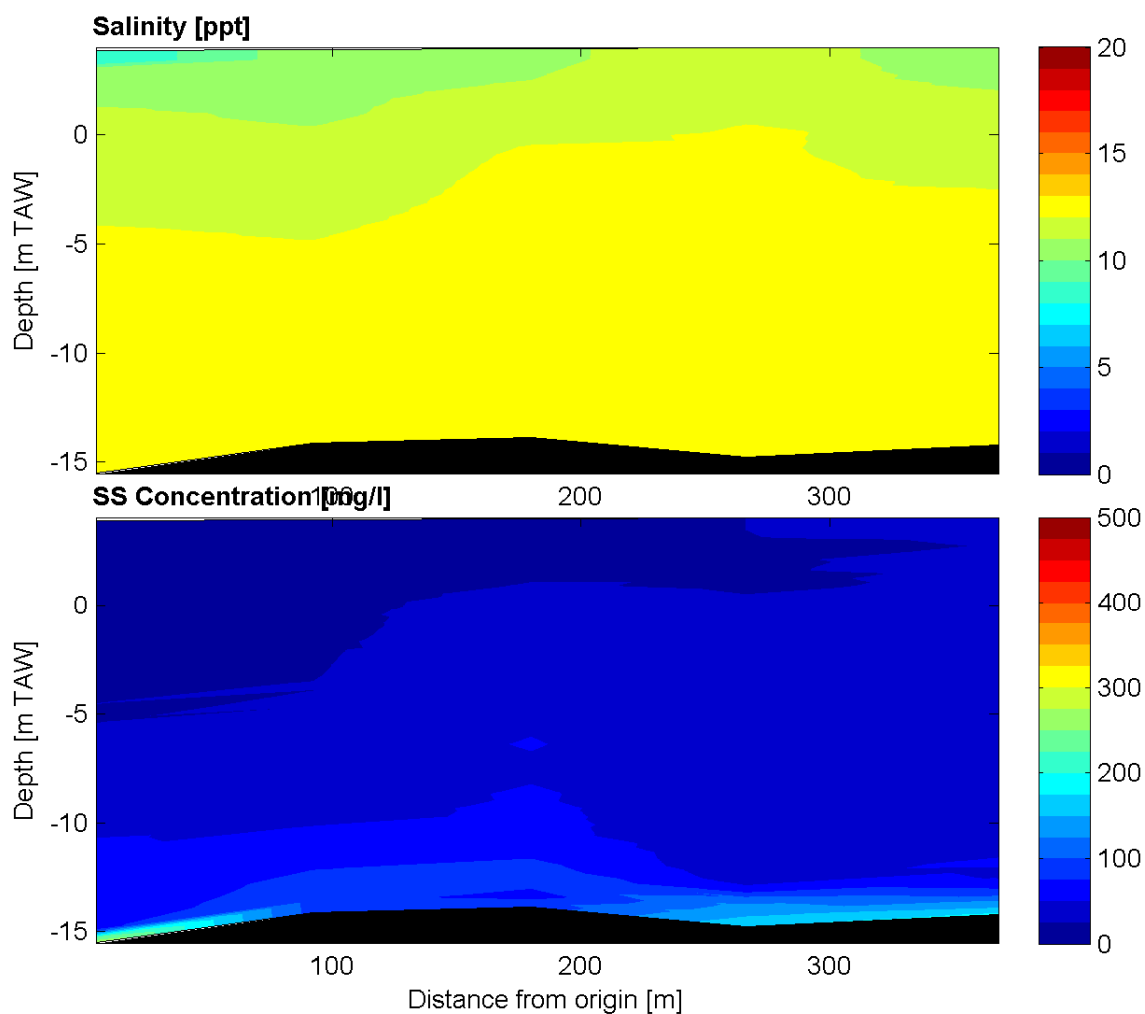
SiltProfiler

Sourcefile:

8018za.sil - 8014ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

05:28 - 05:20

Time after HW [HH:MM]

2:14

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

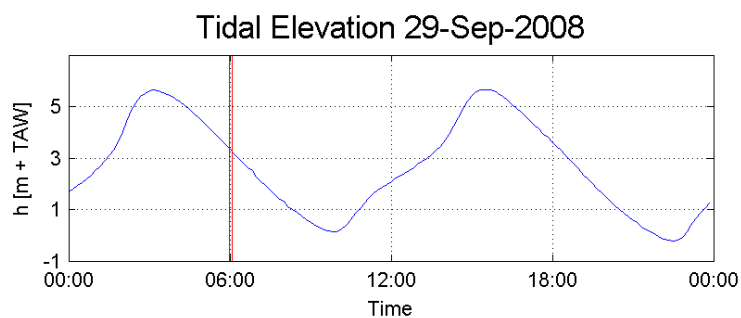
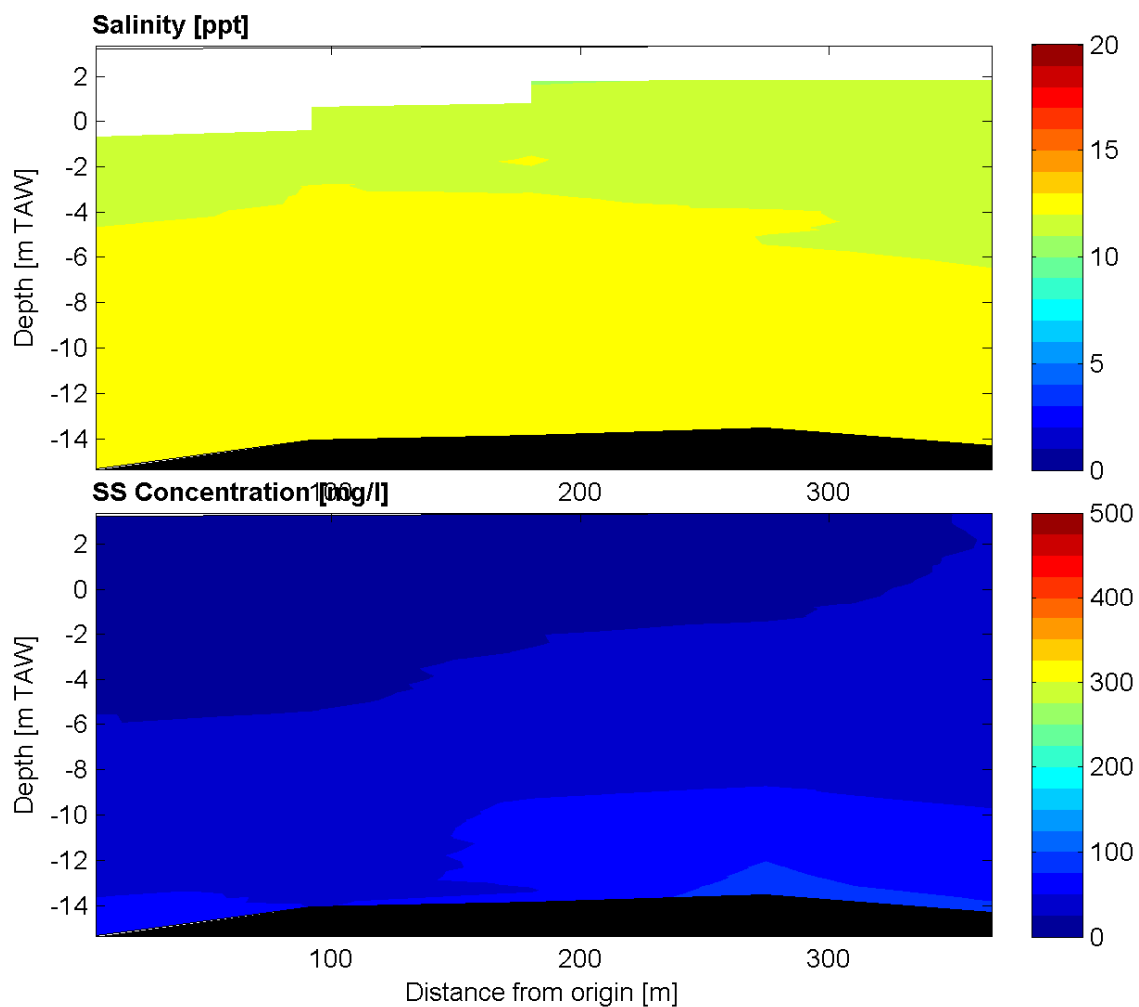
SiltProfiler

Sourcefile:

8033za.sil - 8029ze.sil

Location:

Deurganckdok



Slack water: 03:10: $h = 5.64$ m+TAW
15:30: $h = 5.66$ m+TAW
09:50: $h = 0.12$ m+TAW

Date / Time [MET] :

29-Sep-2008

06:05 - 05:58

Time after HW [HH:MM]

2:52

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

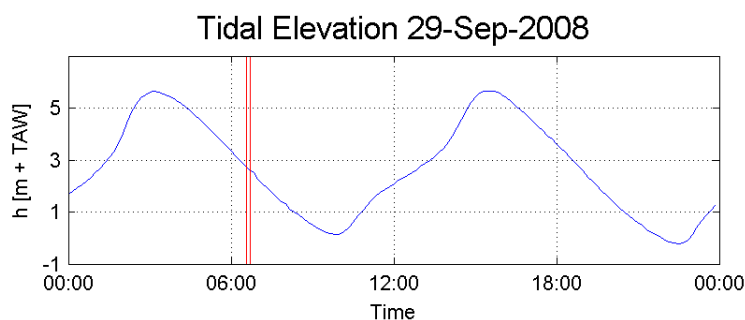
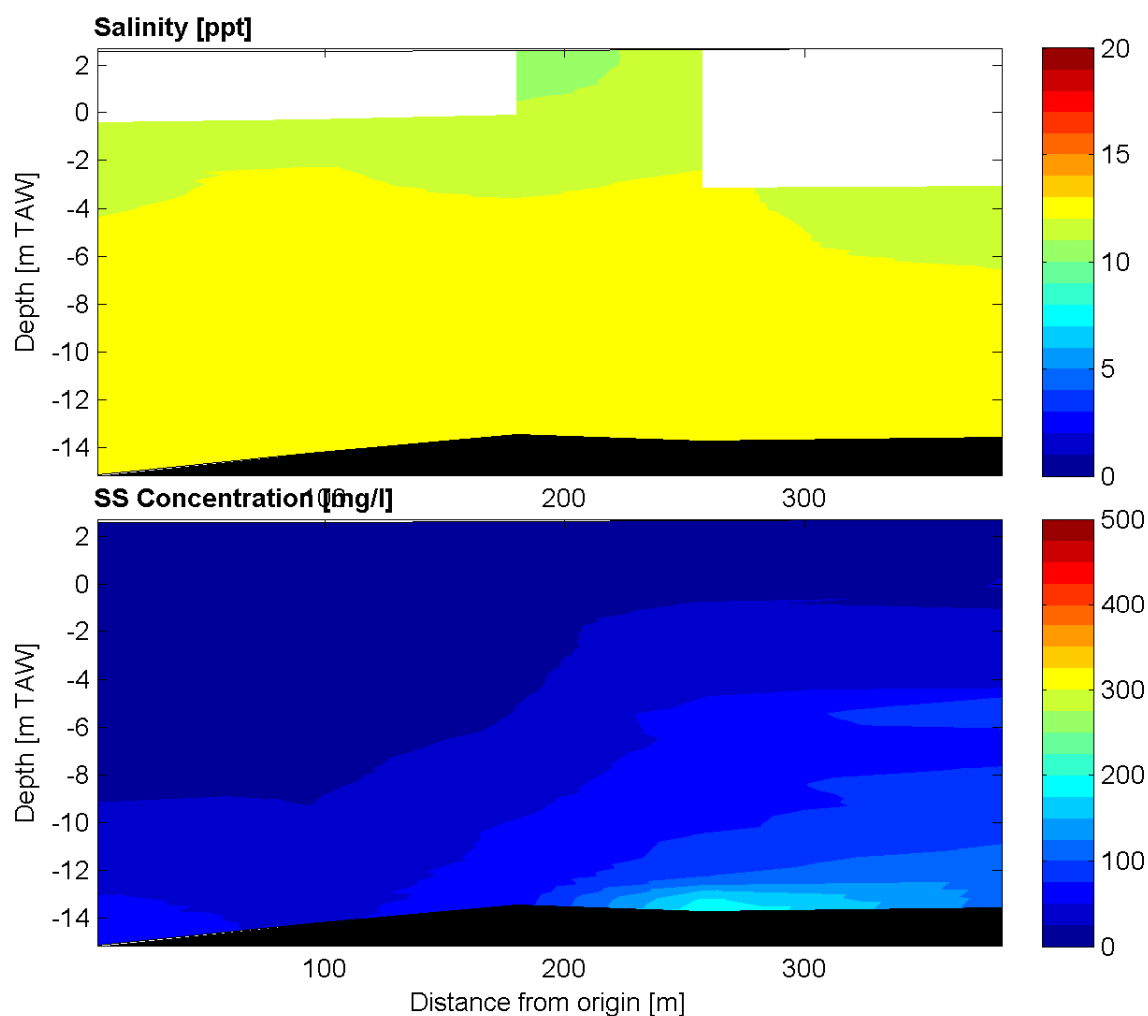
SiltProfiler

Sourcefile:

8049za.sil - 8045ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

06:42 - 06:33

Time after HW [HH:MM]

3:27

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

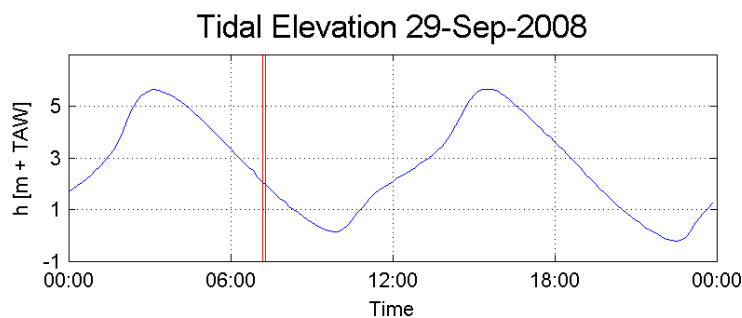
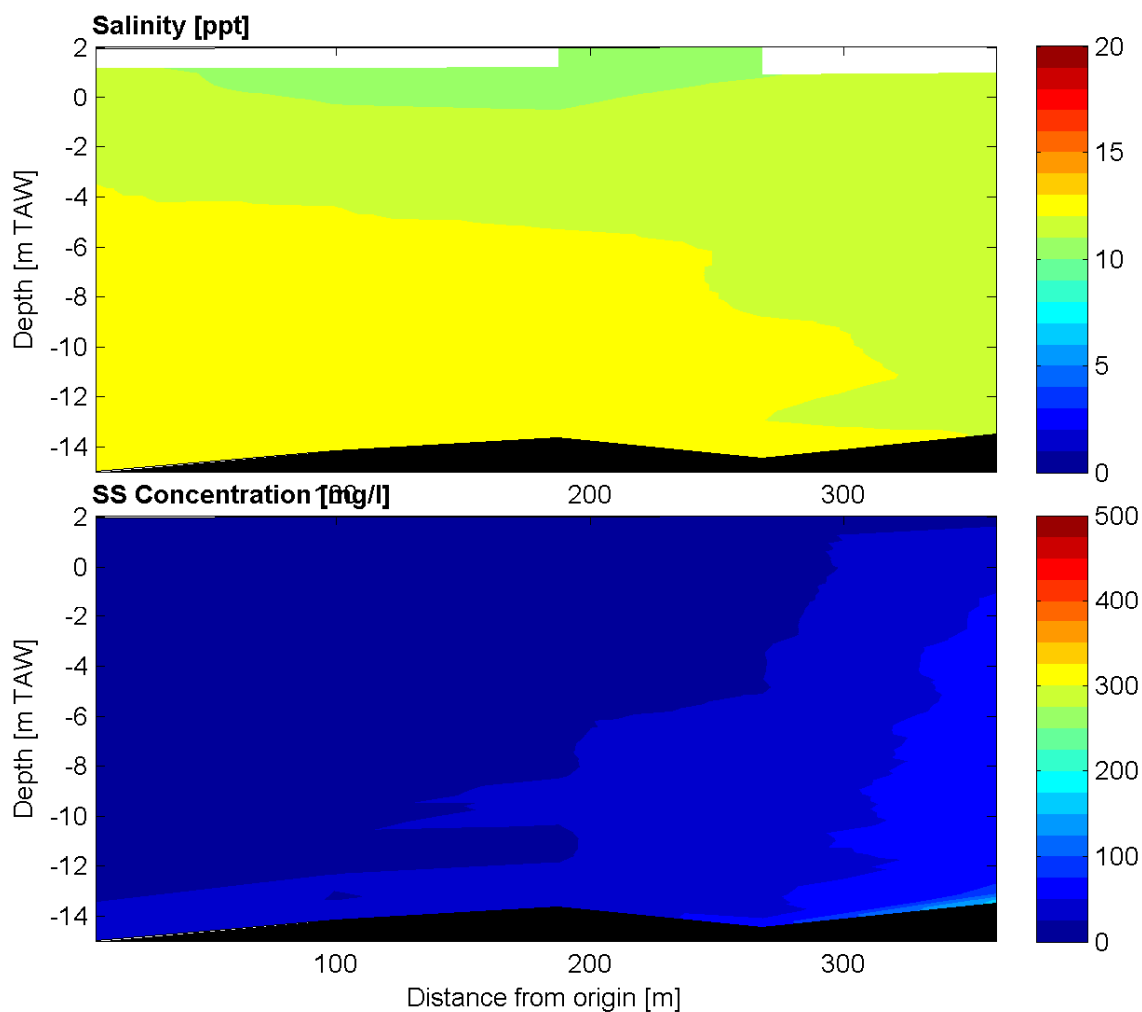
SiltProfiler

Sourcefile:

8064za.sil - 8060ze.sil

Location:

Deurganckdok



Slack water: 03:10: $h = 5.64$ m+TAW
15:30: $h = 5.66$ m+TAW
09:50: $h = 0.12$ m+TAW

Date / Time [MET] :

29-Sep-2008

07:16 - 07:10

Time after HW [HH:MM]

4:03

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

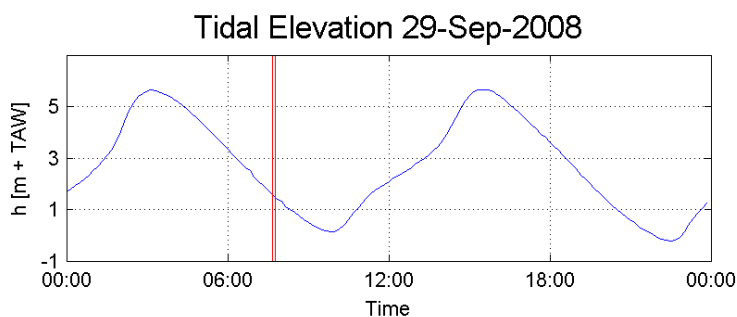
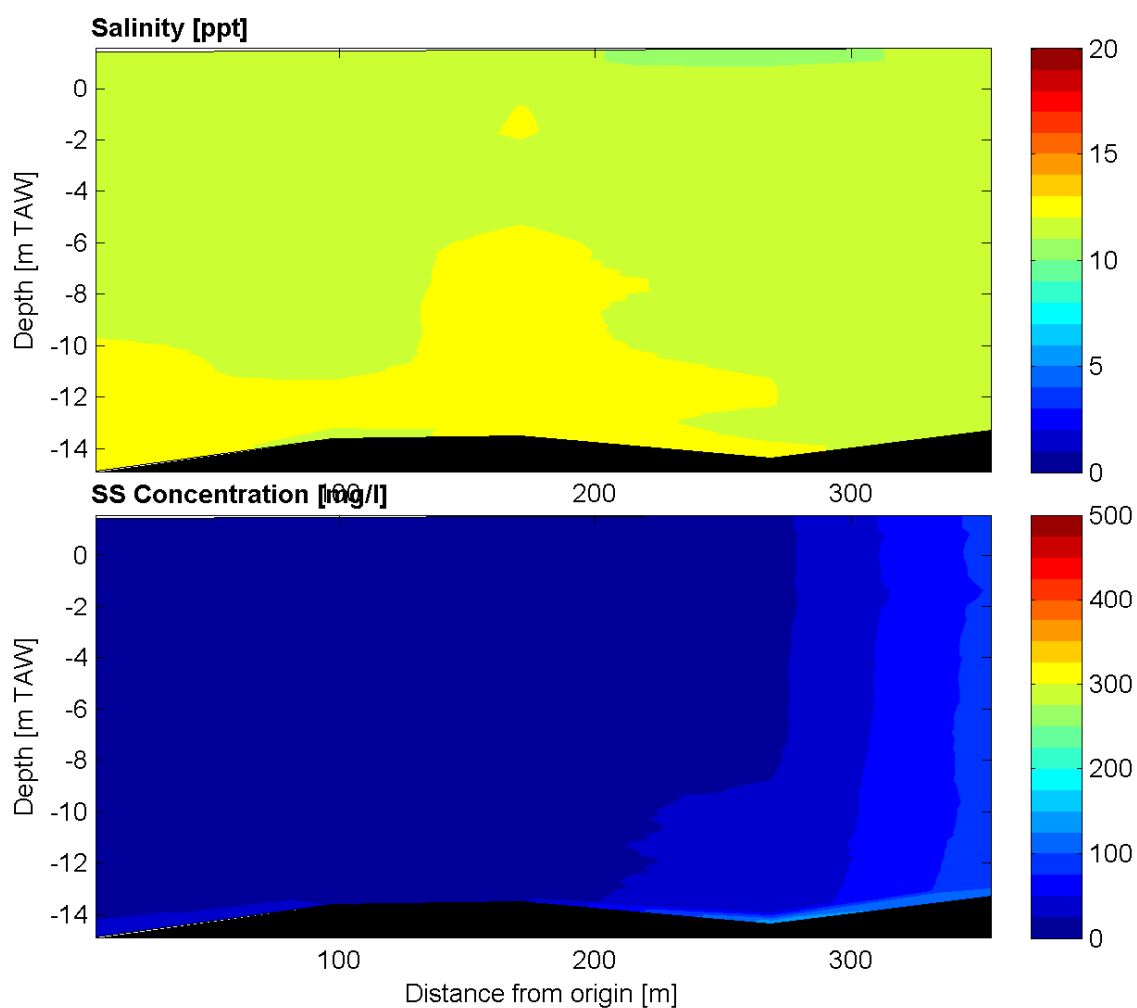
SiltProfiler

Sourcefile:

8079za.sil - 8075ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

07:46 - 07:39

Time after HW [HH:MM]

4:33

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

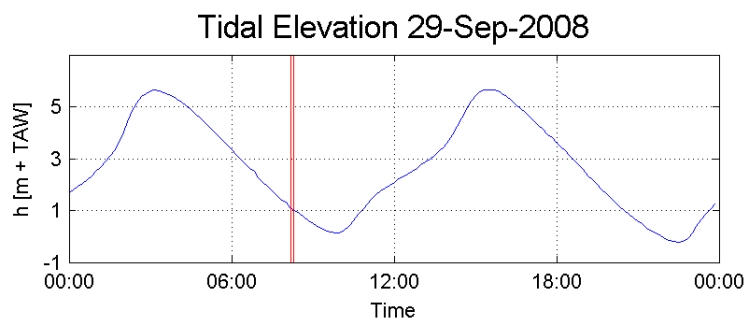
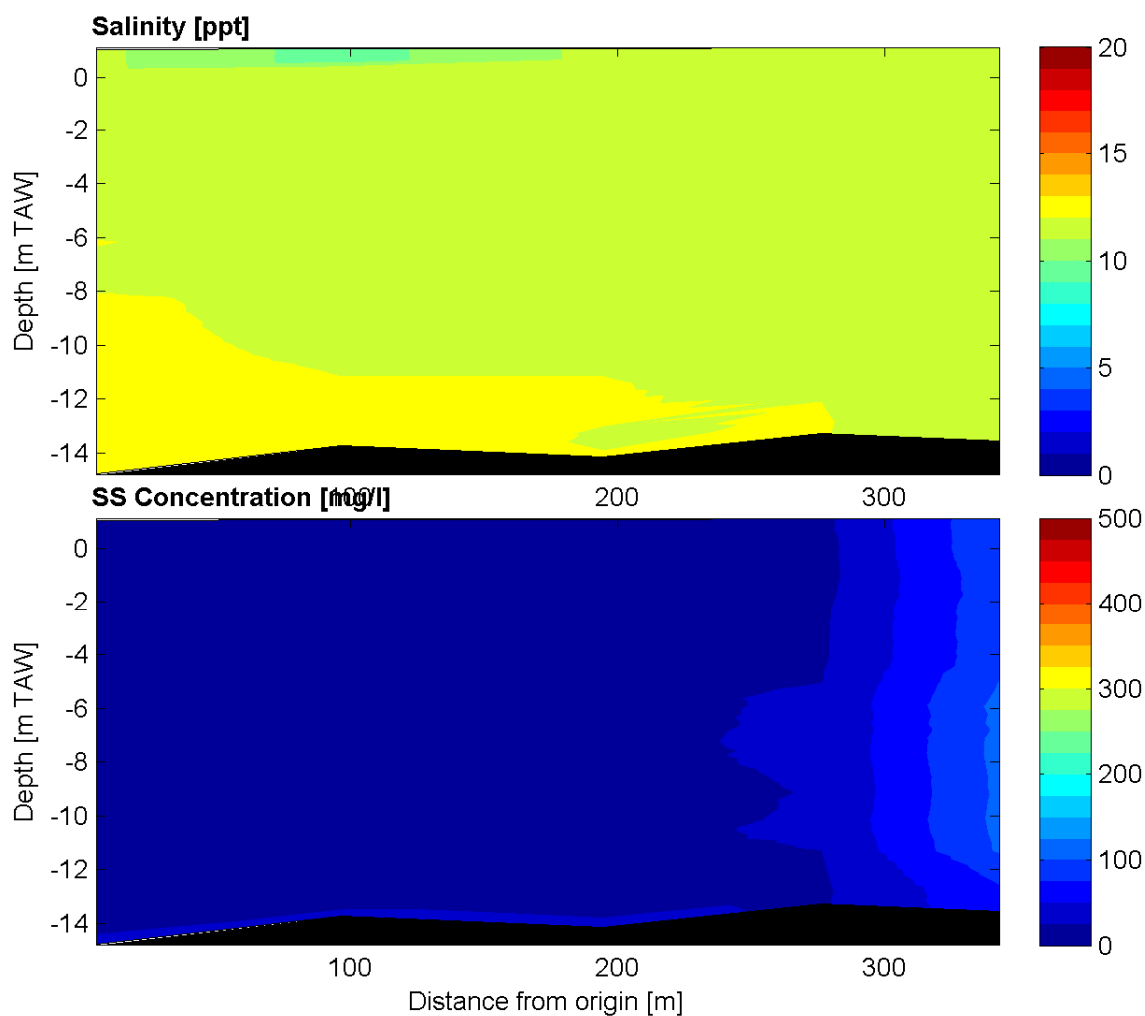
SiltProfiler

Sourcefile:

8094za.sil - 8090ze.sil

Location:

Deurganckdok



Slack water: 03:10: $h = 5.64$ m+TAW
15:30: $h = 5.66$ m+TAW
09:50: $h = 0.12$ m+TAW

Date / Time [MET] :

29-Sep-2008

08:17 - 08:10

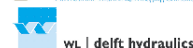
Time after HW [HH:MM]

5:03

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

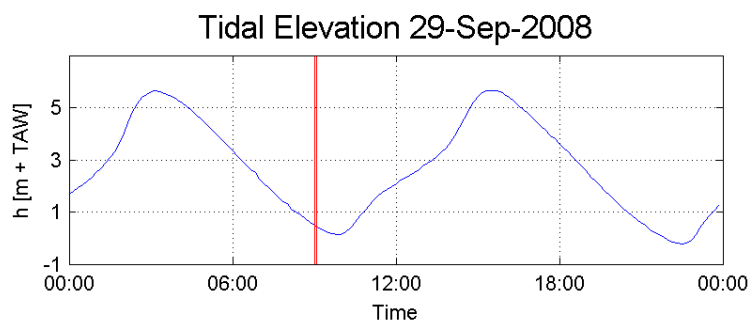
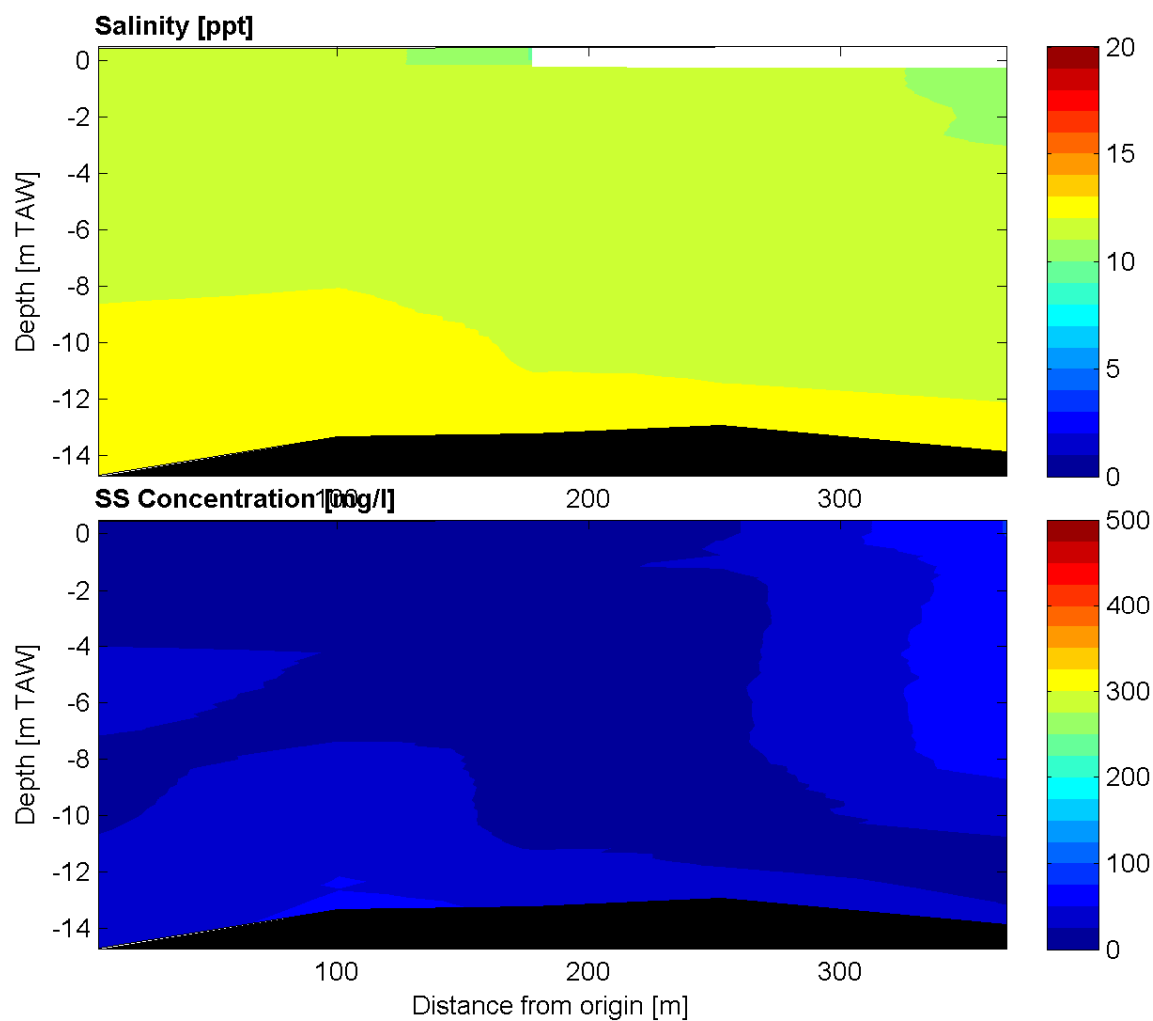
SiltProfiler

Sourcefile:

8114za.sil - 8110ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

09:05 - 09:00

Time after HW [HH:MM]

5:52

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

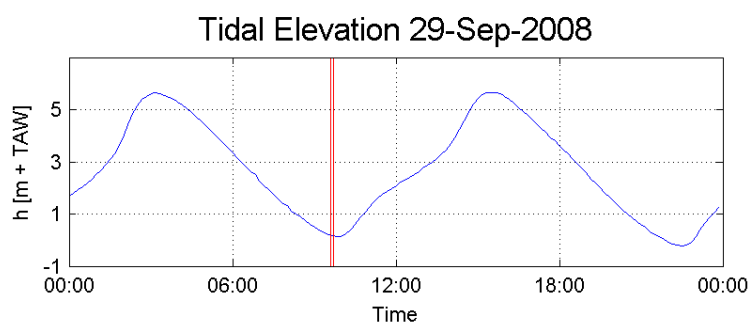
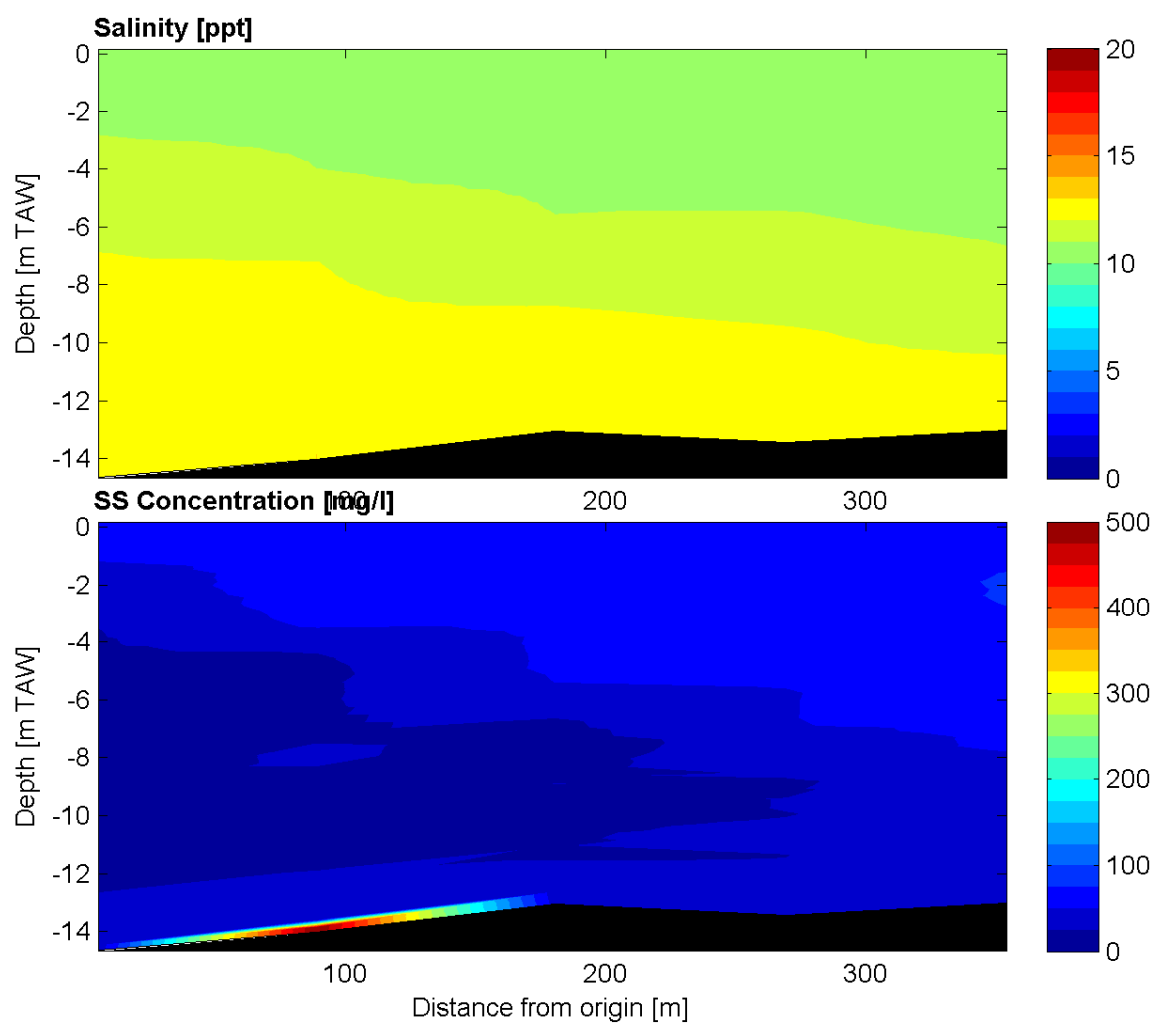
SiltProfiler

Sourcefile:

8129za.sil - 8125ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

09:42 - 09:35

Time after HW [HH:MM]

6:29

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

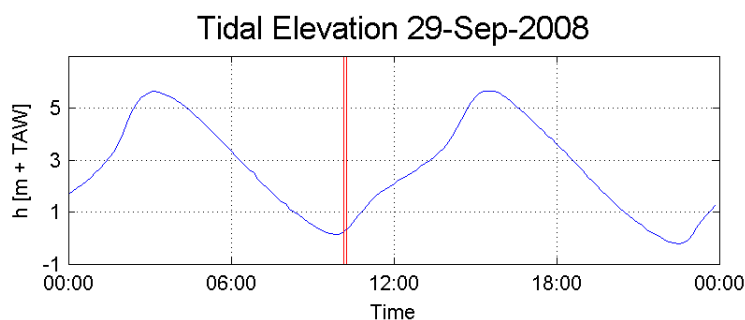
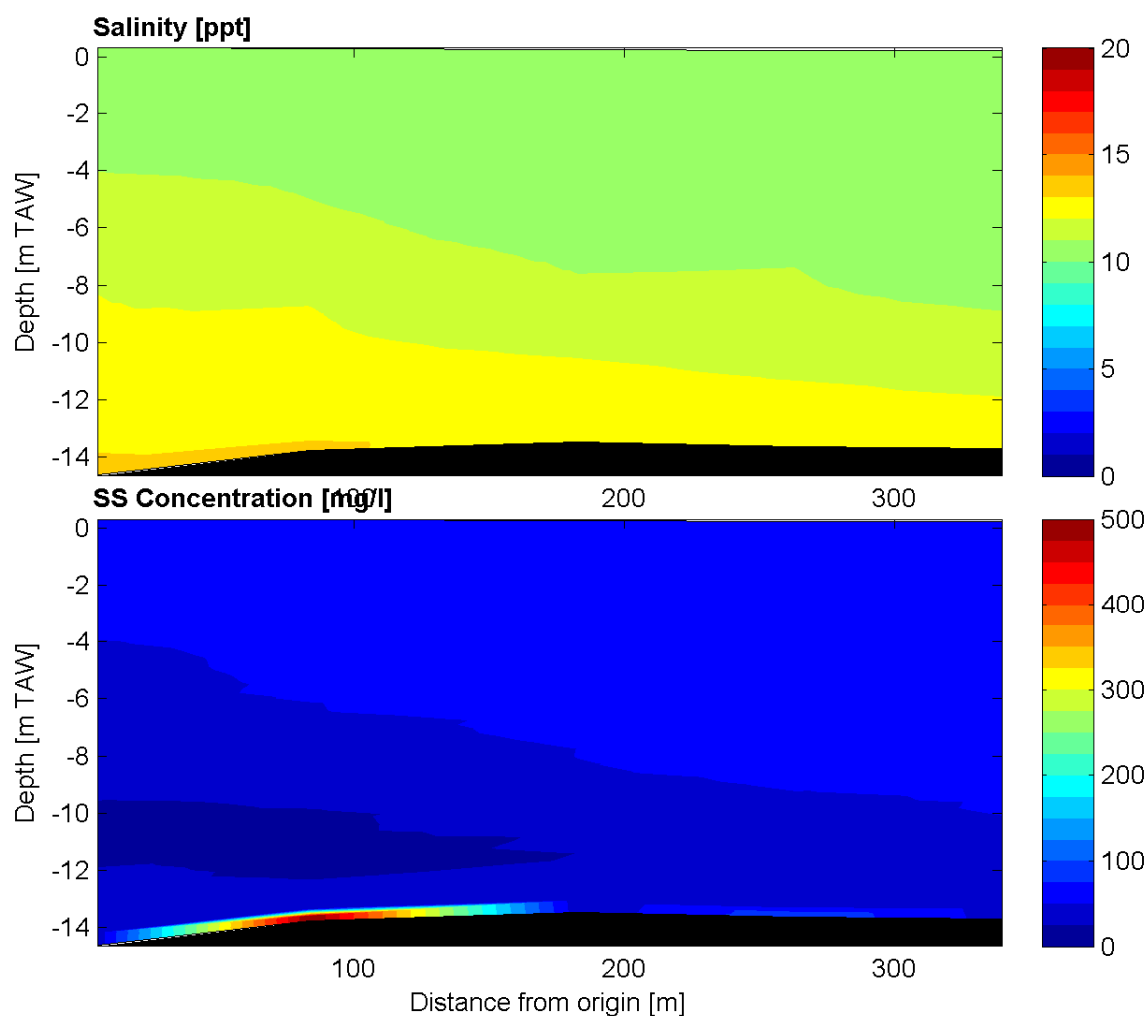
SiltProfiler

Sourcefile:

8144za.sil - 8140ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

10:15 - 10:09

Time after HW [HH:MM]

-5:17

Data Processed by:



In association with:



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

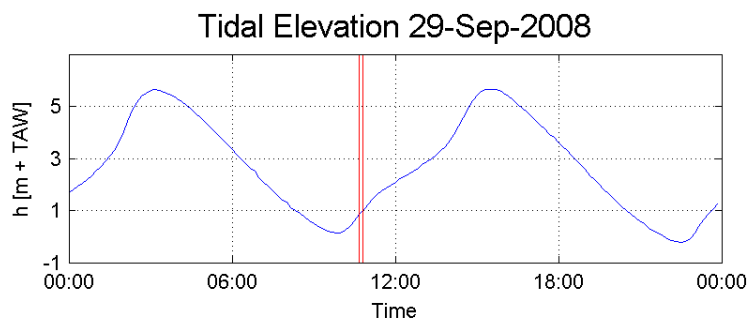
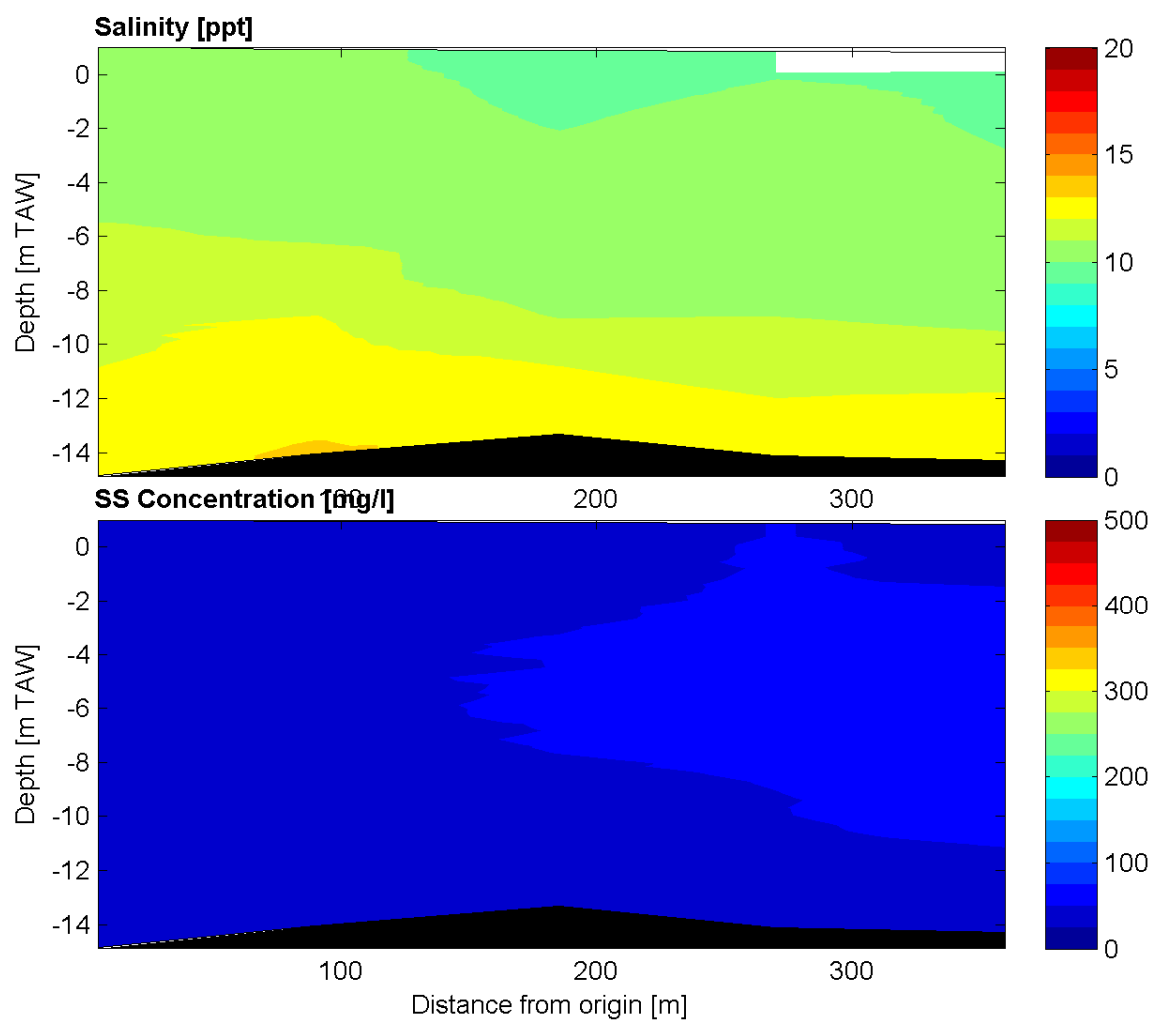
SiltProfiler

Sourcefile:

8159za.sil - 8155ze.sil

Location:

Deurganckdok



Slack water: 03:10: $h = 5.64$ m+TAW
15:30: $h = 5.66$ m+TAW
09:50: $h = 0.12$ m+TAW

Date / Time [MET] :

29-Sep-2008

10:47 - 10:40

Time after HW [HH:MM]

-4:45

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

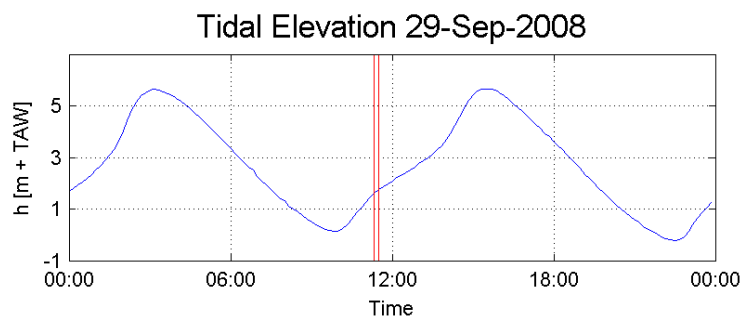
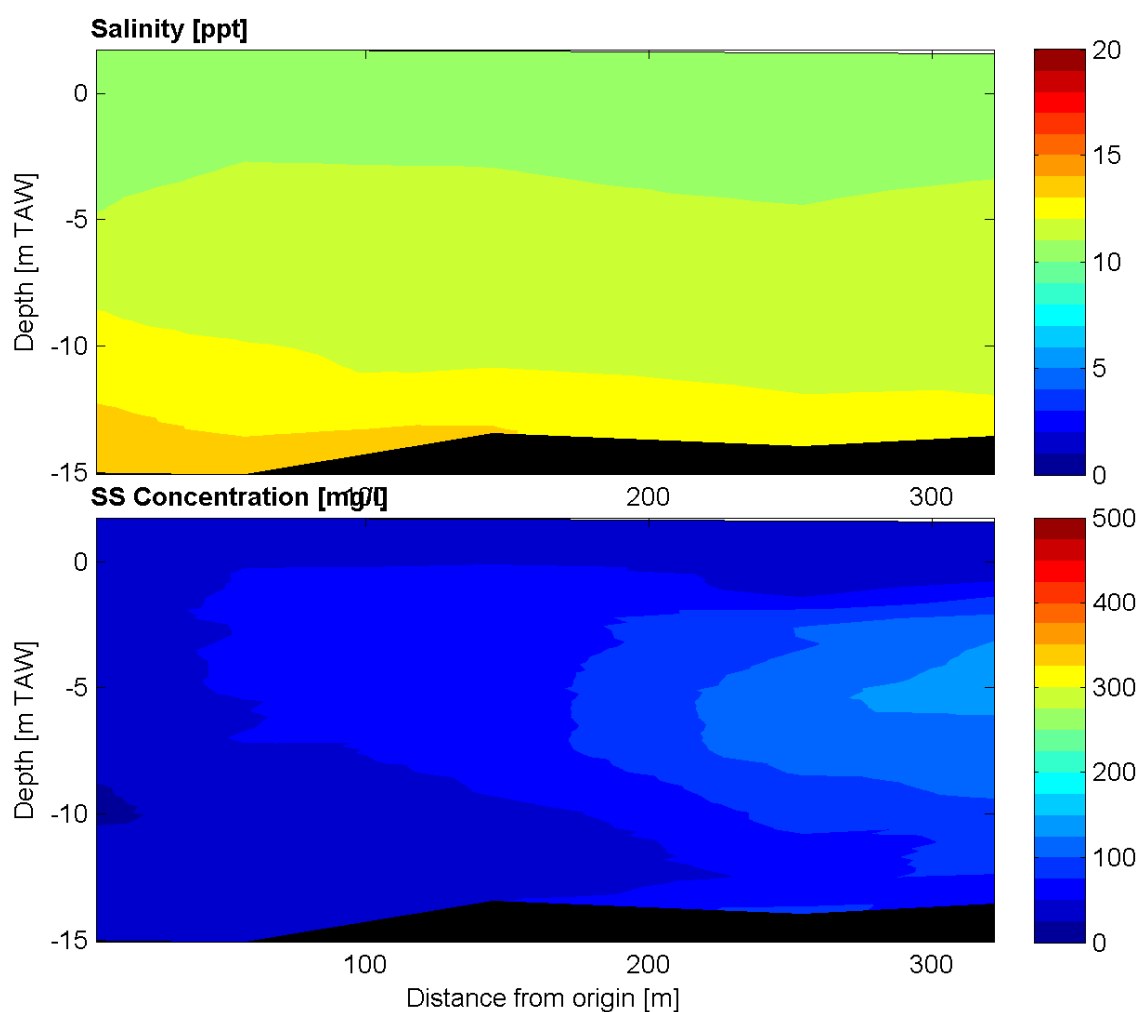
SiltProfiler

Sourcefile:

8174za.sil - 8170ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

11:29 - 11:19

Time after HW [HH:MM]

-4:05

Data Processed by:



In association with:



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

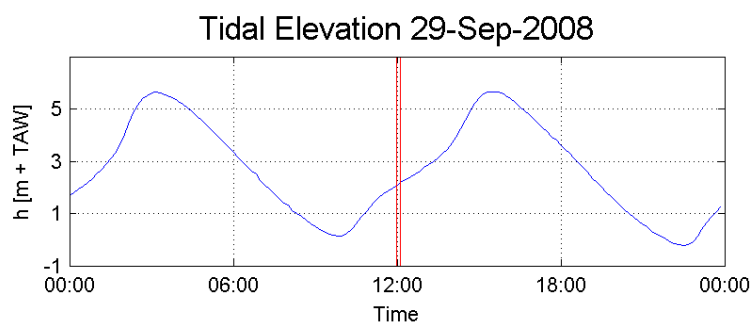
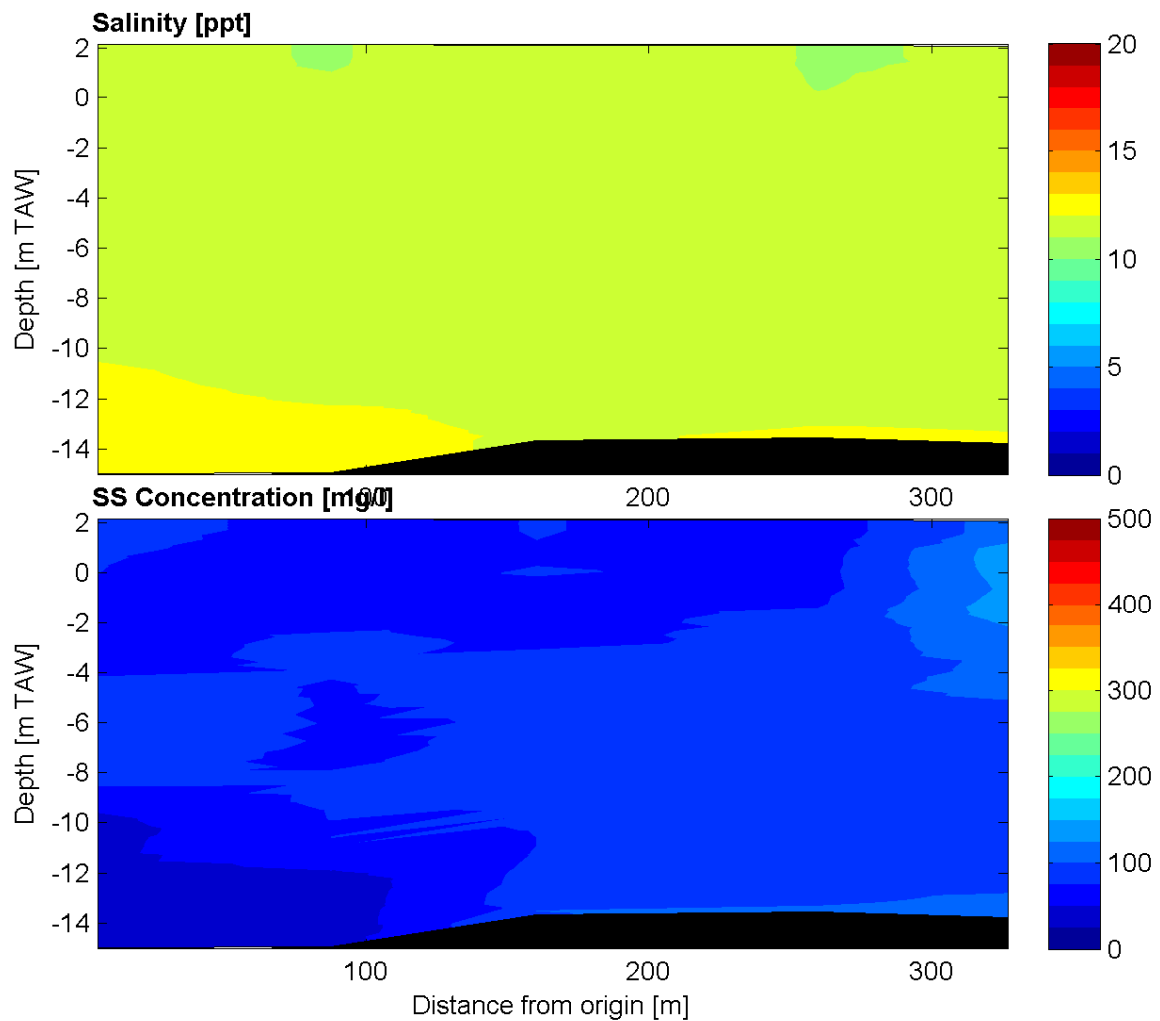
SiltProfiler

Sourcefile:

8189za.sil - 8185ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

12:07 - 11:59

Time after HW [HH:MM]

-3:26

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

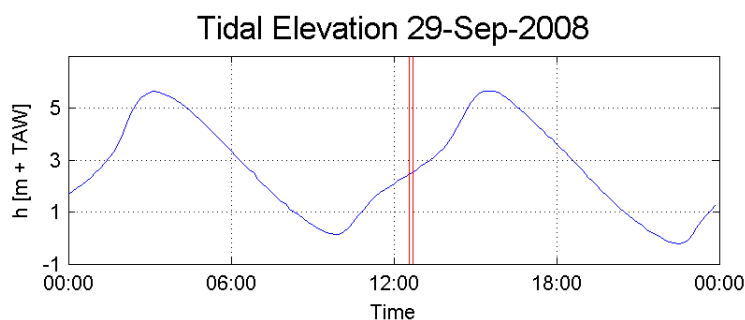
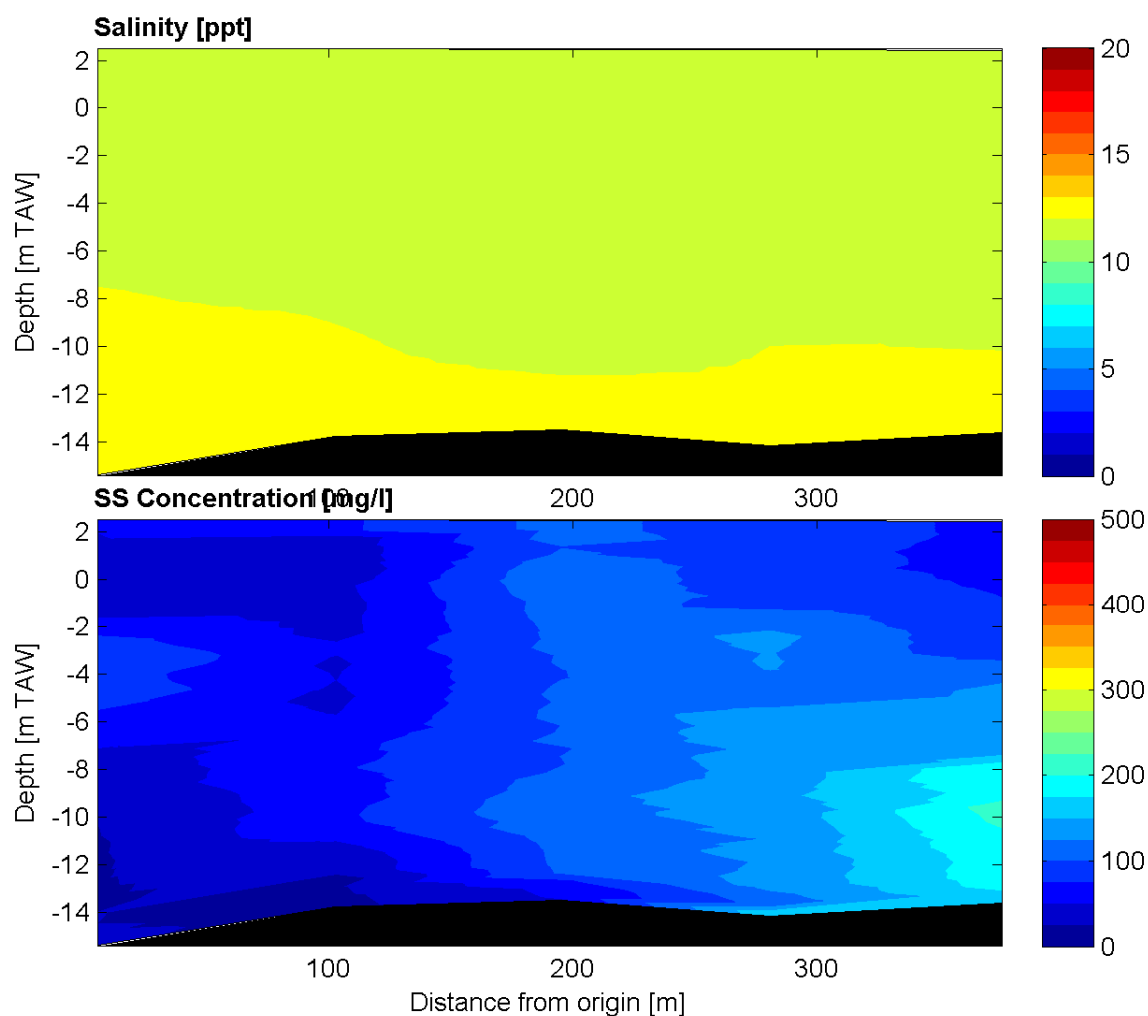
SiltProfiler

Sourcefile:

8204za.sil - 8200ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

12:42 - 12:34

Time after HW [HH:MM]

-2:51

Data Processed by:



In association with :



wl | delft hydraulics

I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

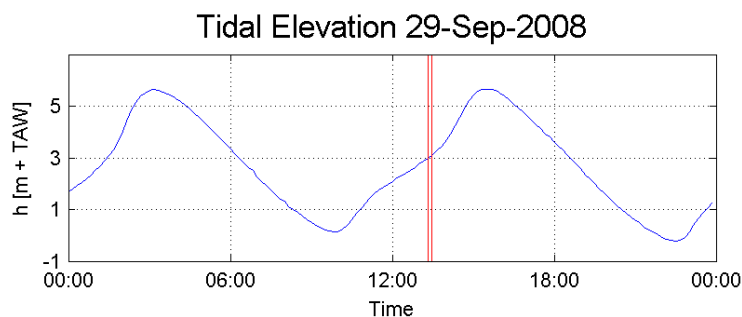
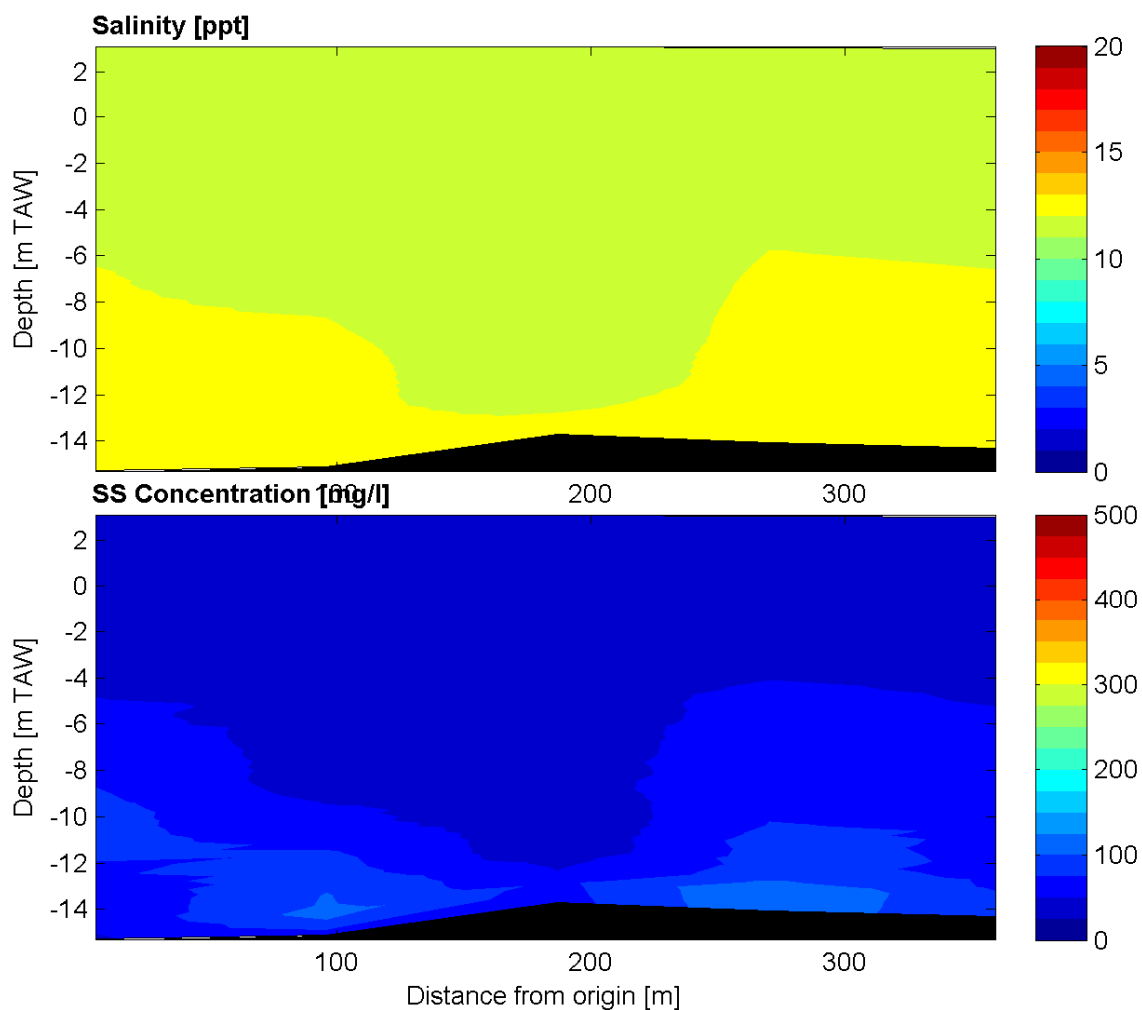
SiltProfiler

Sourcefile:

8224za.sil - 8220ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

13:27 - 13:19

Time after HW [HH:MM]

-2:06

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

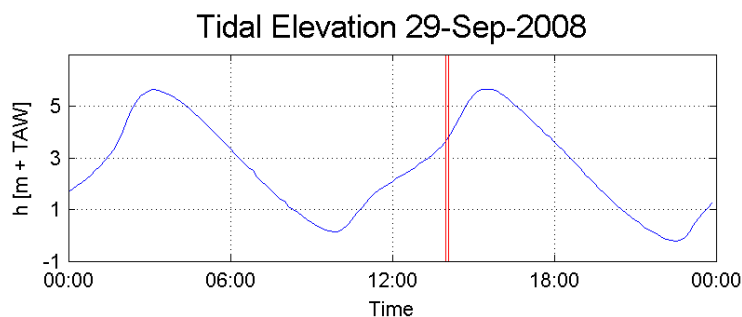
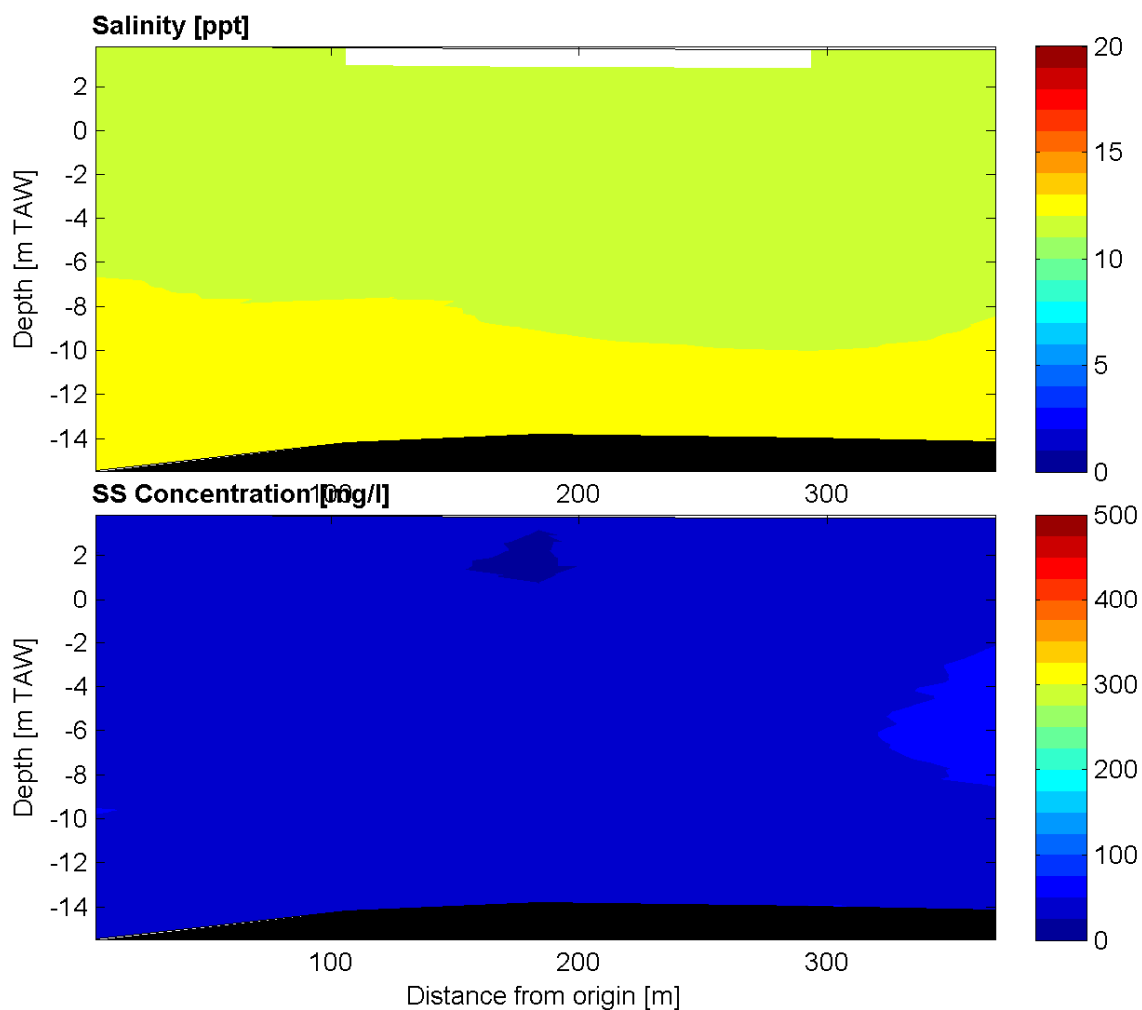
SiltProfiler

Sourcefile:

8239za.sil - 8235ze.sil

Location:

Deurganckdok



Slack water: 03:10: $h = 5.64$ m+TAW
15:30: $h = 5.66$ m+TAW
09:50: $h = 0.12$ m+TAW

Date / Time [MET] :

29-Sep-2008

14:06 - 13:58

Time after HW [HH:MM]

-1:27

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

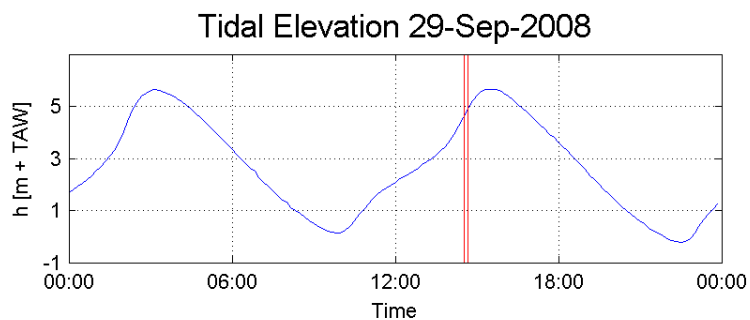
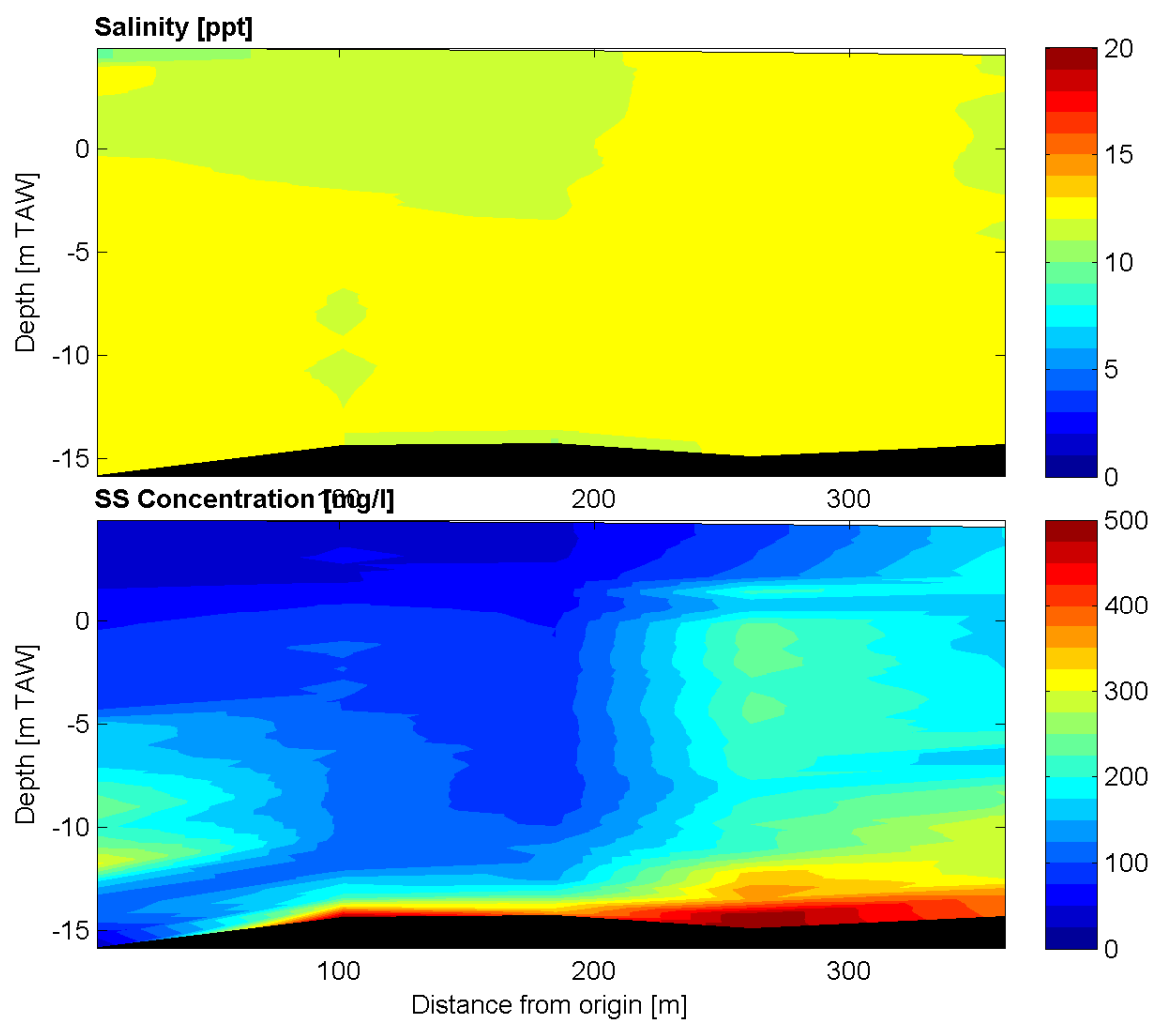
SiltProfiler

Sourcefile:

8254za.sil - 8250ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

14:41 - 14:31

Time after HW [HH:MM]

-0:53

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

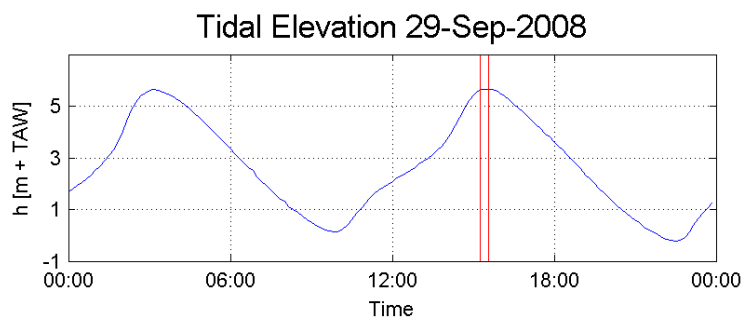
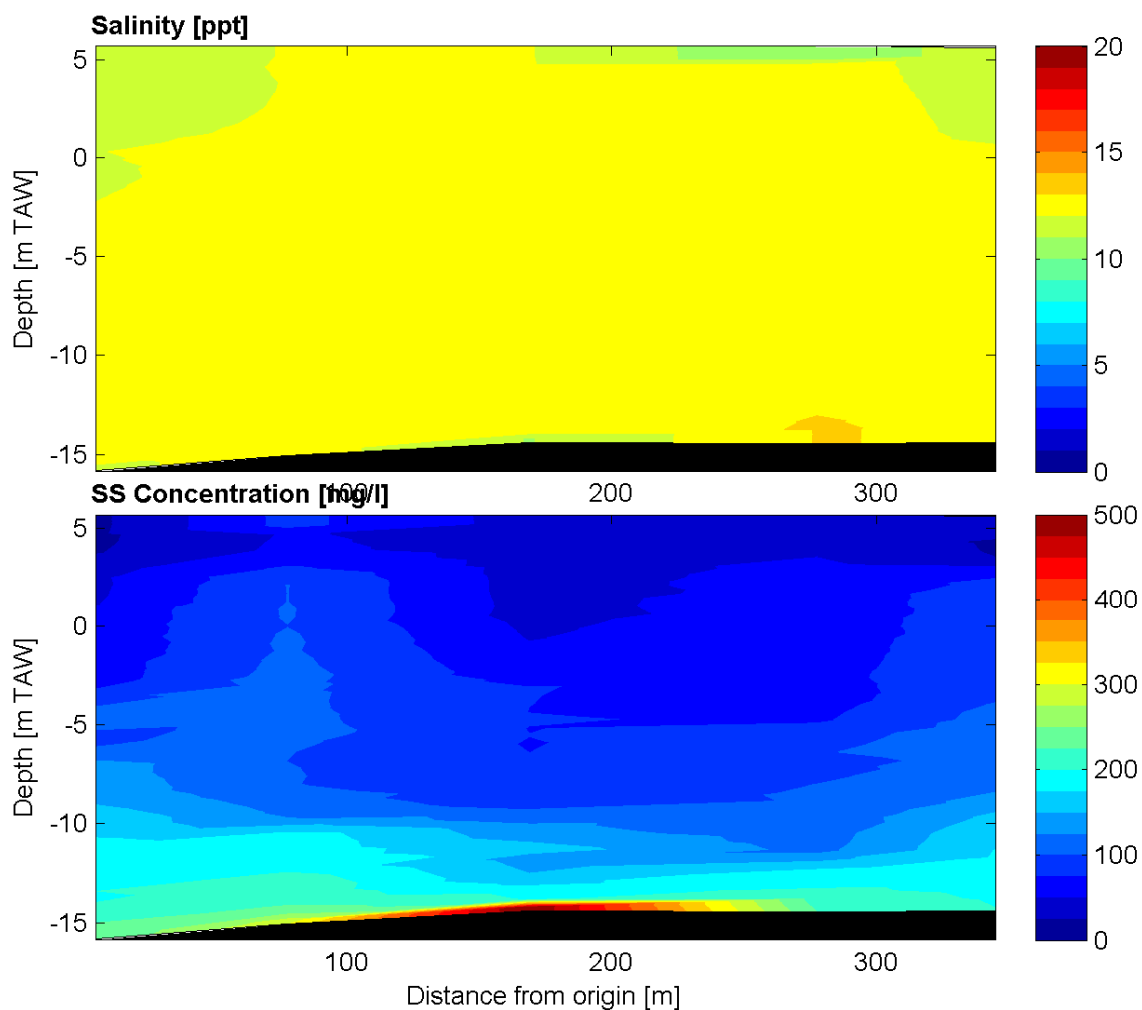
SiltProfiler

Sourcefile:

8269za.sil - 8265ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

15:34 - 15:15

Time after HW [HH:MM]

-0:04

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

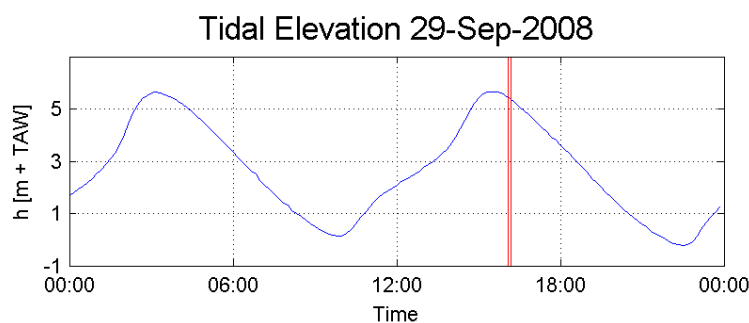
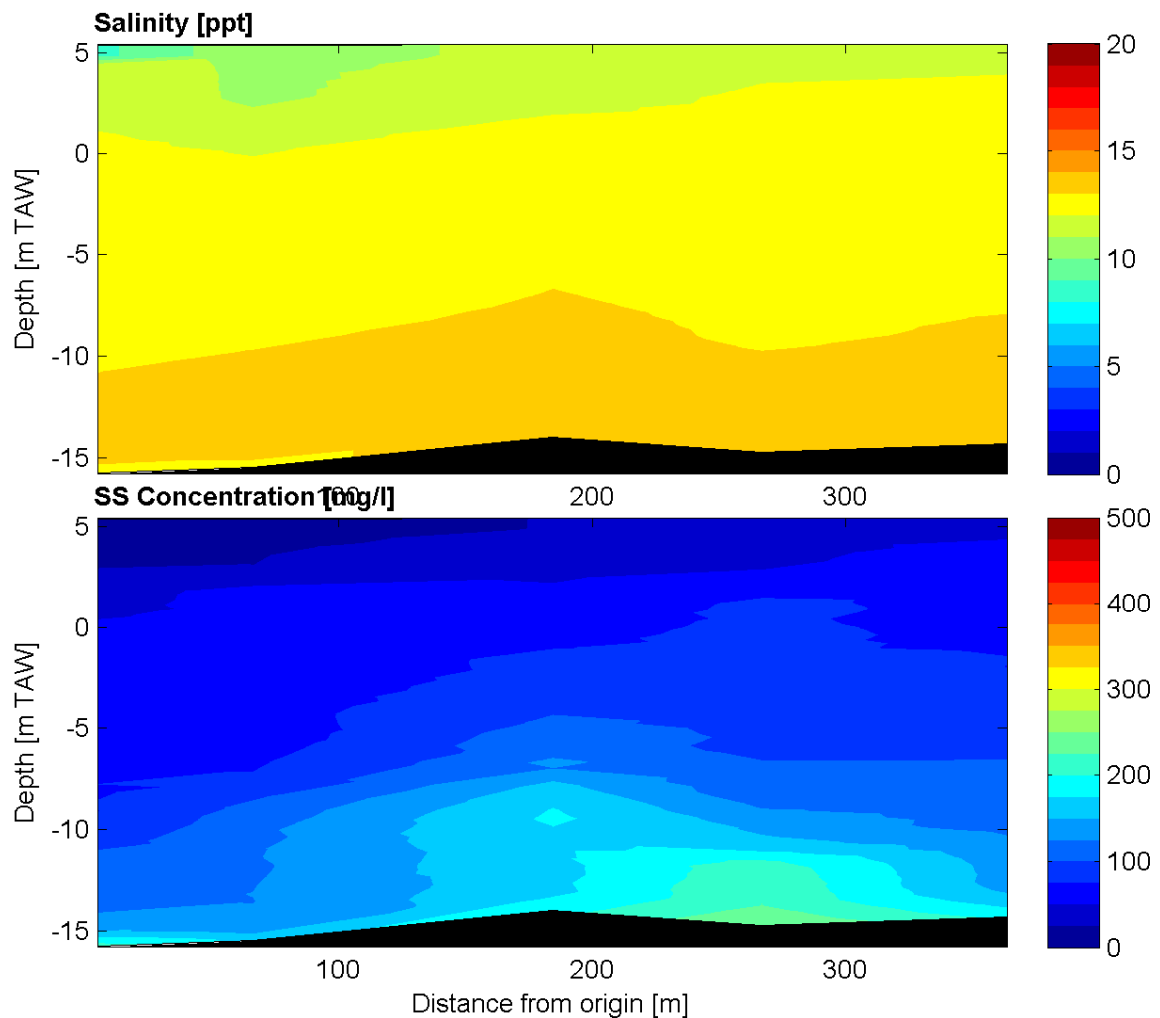
SiltProfiler

Sourcefile:

8284za.sil - 8280ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

16:12 - 16:04

Time after HW [HH:MM]

0:38

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

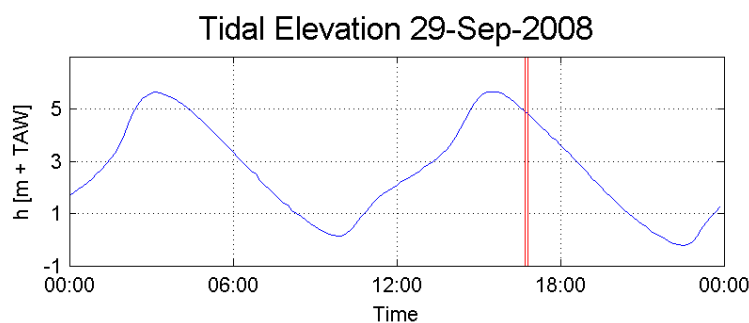
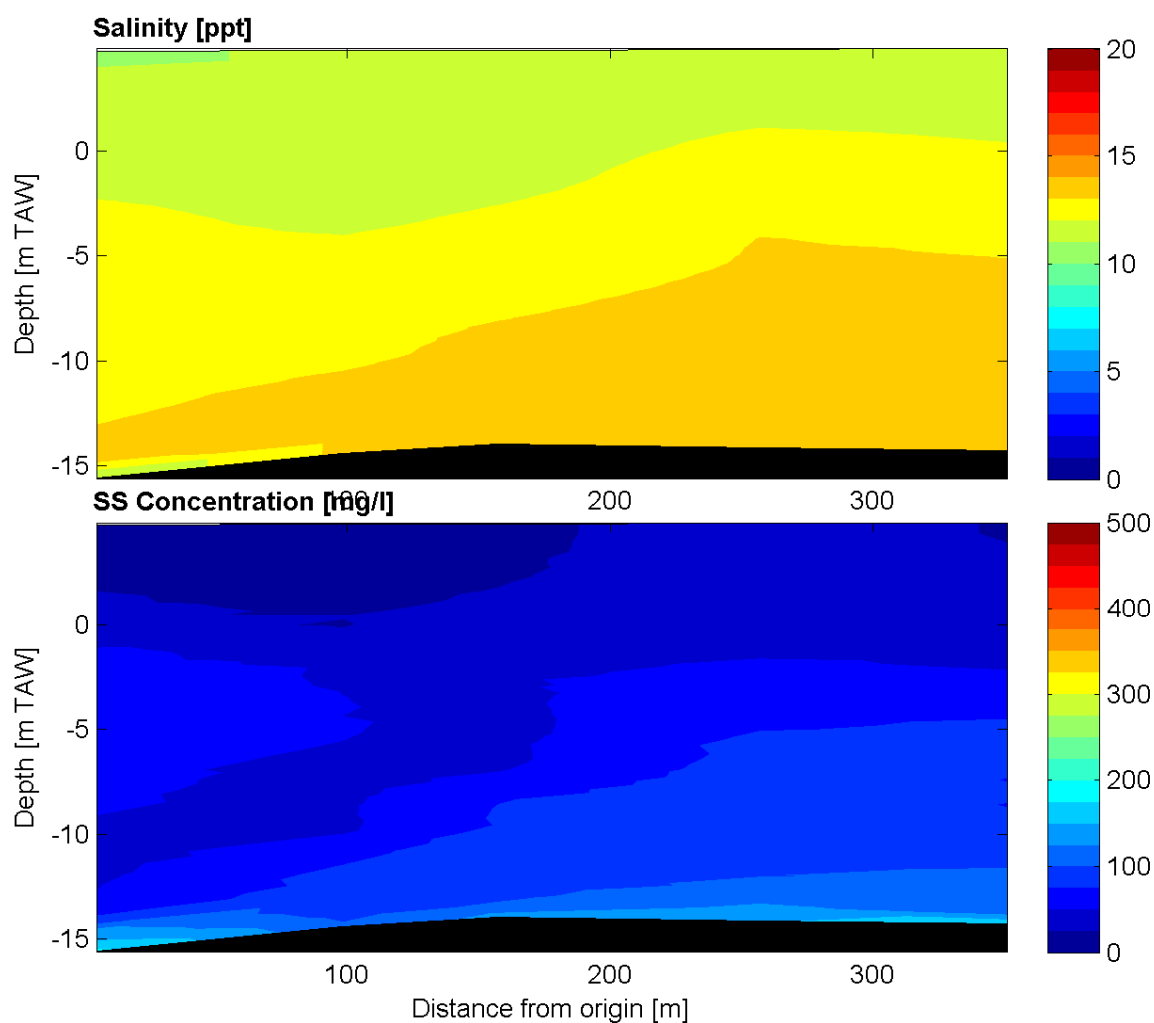
SiltProfiler

Sourcefile:

8299za.sil - 8295ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

16:49 - 16:42

Time after HW [HH:MM]

1:15

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

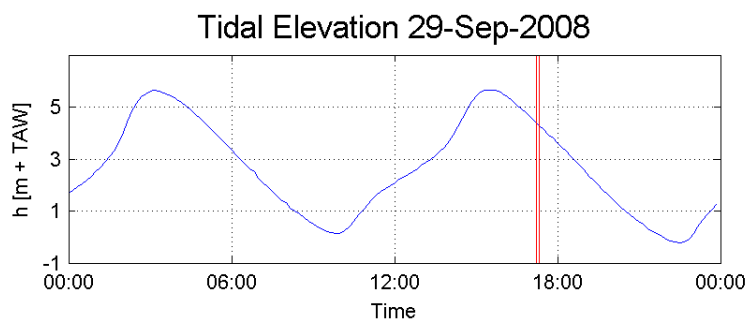
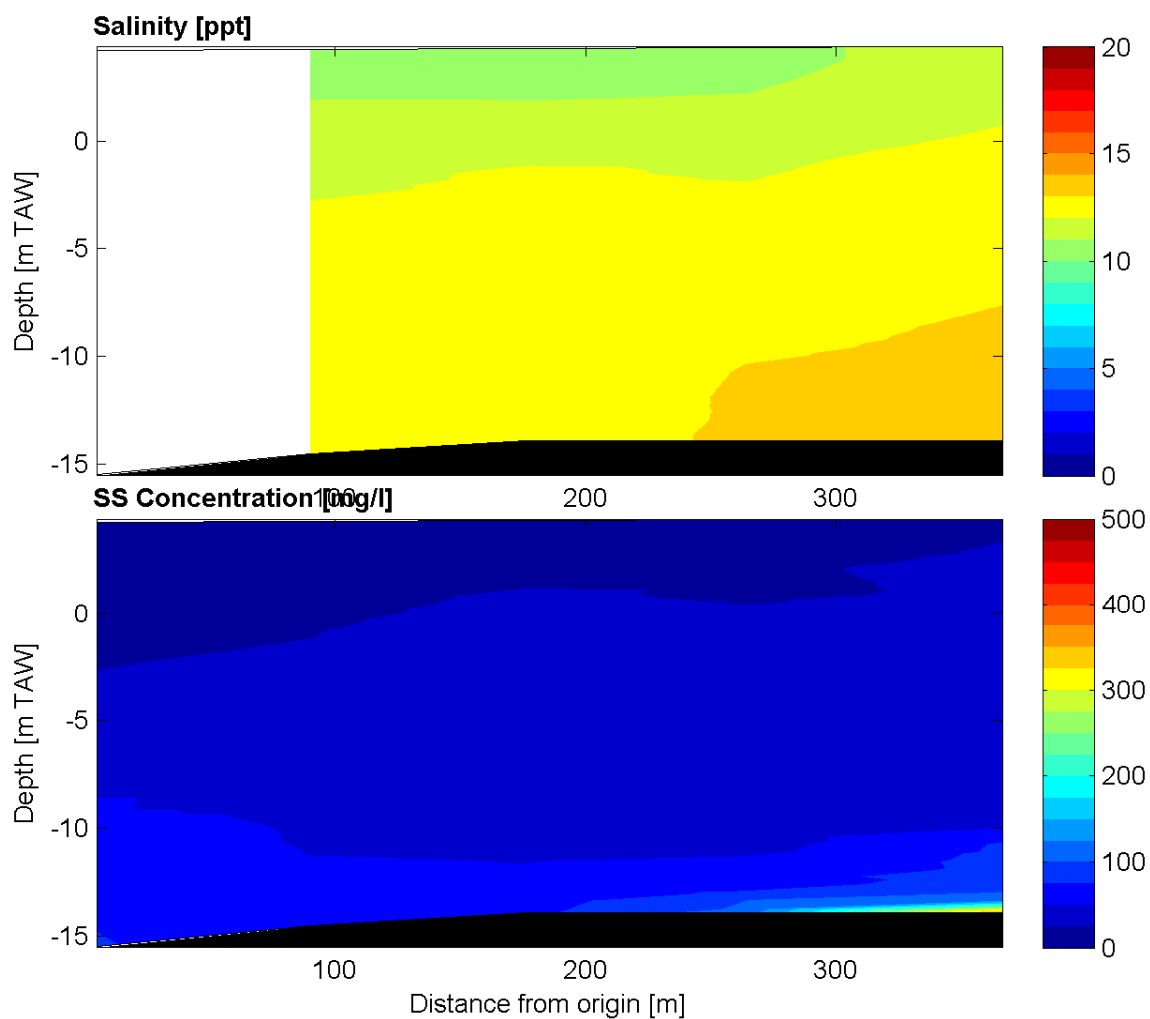
SiltProfiler

Sourcefile:

8314za.sil - 8310ze.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

17:20 - 17:12

Time after HW [HH:MM]

1:46

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

Through tide measurement Siltprofiler DGD Summer 2008

11283

Equipment(s):

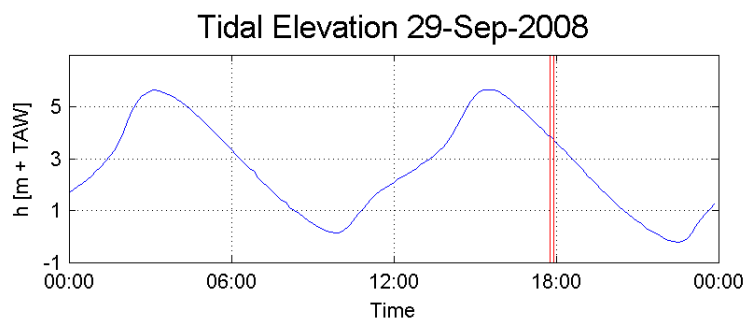
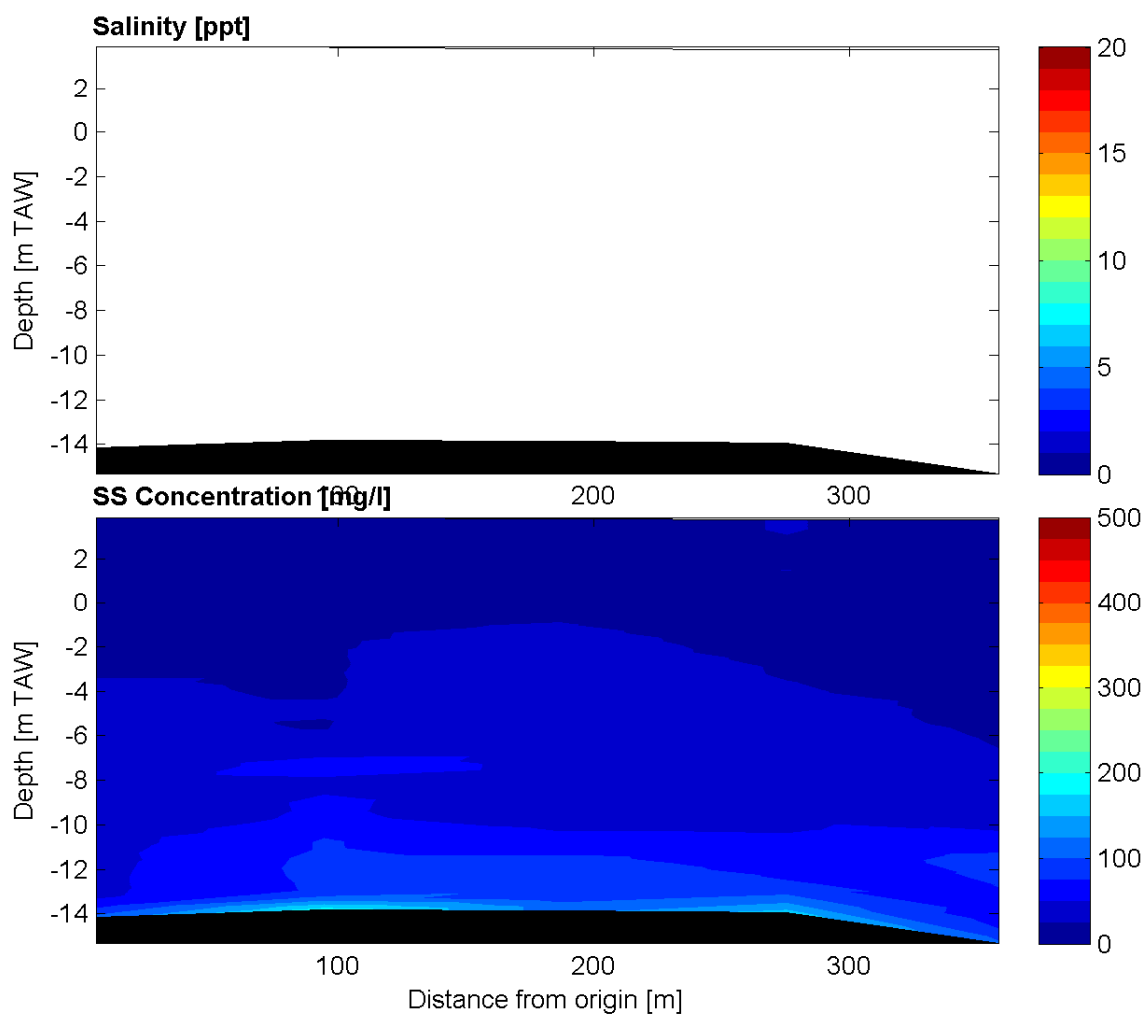
SiltProfiler

Sourcefile:

8325ze.sil - 8329za.sil

Location:

Deurganckdok



Slack water: 03:10: h = 5.64 m+TAW
15:30: h = 5.66 m+TAW
09:50: h = 0.12 m+TAW

Date / Time [MET] :

29-Sep-2008

17:46 - 17:54

Time after HW [HH:MM]

2:20

Data Processed by:



In association with :



I/RA/11283/08.090/MSA

APPENDIX J.

OVERVIEW OF HCBS2 AND OPVOLGING AANSLIBBING DEURGANCKDOK REPORTS

Report	Description of HCBS2
Ambient Conditions Lower Sea Scheldt	
5.3	Overview of ambient conditions in the river Scheldt – January-June 2006 (I/RA/11291/06.088/MSA)
5.4	Overview of ambient conditions in the river Scheldt – July-December 2006 (I/RA/11291/06.089/MSA)
5.5	Overview of ambient conditions in the river Scheldt : RCM-9 buoy 84 & 97 (1/1/2007 - 31/3/2007) (I/RA/11291/06.090/MSA) ¹
5.6	Analysis of ambient conditions 21/09/05 - 31/3/2007 (I/RA/11291/06.091/MSA)
Calibration	
6.1	Winter Calibration (I/RA/11291/06.092/MSA)
6.2	Summer Calibration and Final Report (I/RA/11291/06.093/MSA)
Through tide Measurements Winter 2006	
7.1	21/3 Scheldewacht – Deurganckdok – Salinity Distribution (I/RA/11291/06.094/MSA)
7.2	22/3 Parel 2 – Deurganckdok (I/RA/11291/06.095/MSA)
7.3	22/3 Laure Marie – Liefkenshoek (I/RA/11291/06.096/MSA)
7.4	23/3 Parel 2 – Schelle (I/RA/11291/06.097/MSA)
7.5	23/3 Laure Marie – Deurganckdok (I/RA/11291/06.098/MSA)
7.6	23/3 Veremans Waarde (I/RA/11291/06.099/MSA)
HCBS Near bed continuous monitoring (Frames)	
8.1	Near bed continuous monitoring winter 2006 (I/RA/11291/06.100/MSA)
INSSEV	
9	Settling Velocity - INSSEV summer 2006 (I/RA/11291/06.102/MSA)
Cohesive Sediment	
10	Cohesive sediment properties summer 2006 (I/RA/11291/06.103/MSA)
Through tide Measurements Summer 2006	
11.1	Through Tide Measurement Sediview and Siltprofiler 27/9 Stream - Liefkenshoek (I/RA/11291/06.104/MSA)
11.2	Through Tide Measurement Sediview 27/9 Veremans - Raai K (I/RA/11291/06.105/MSA)
11.3	Through Tide Measurement Sediview and Siltprofiler 28/9 Stream - Raai K (I/RA/11291/06.106/MSA)
11.4	Through Tide Measurement Sediview 28/9 Veremans – Waarde (I/RA/11291/06.107/MSA)
11.5	Through Tide Measurements Sediview 28/9 Parel 2 - Schelle (I/RA/11291/06.108/MSA)

¹ The data, foreseen for Report 5.5 is reported in report 3.1. Boundary conditions: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.127/MSA) including HCBS 2 report 5.5 (Deurganckdok).

Report	Description of HCBS2
Ambient Conditions Lower Sea Scheldt	
11.6	Through Tide measurement Longitudinal Salinity Distribution 26/9 Scheldewacht – Deurganckdok (I/RA/11291/06.161/MSA)
Analysis	
12	Report concerning the presence of HCBS layers in the Scheldt river (I/RA/11291/06.109/MSA)

Report	Description of Opvolging aanslibbing Deurganckdok between April 2006 till March 2007
Sediment Balance: Bathymetry surveys, Density measurements, Maintenance and construction dredging activities	
1.1	Sediment Balance: Three monthly report 1/4/2006 – 30/06/2006 (I/RA/11283/06.113/MSA)
1.2	Sediment Balance: Three monthly report 1/7/2006 – 30/09/2006 (I/RA/11283/06.114/MSA)
1.3	Sediment Balance: Three monthly report 1/10/2006 – 31/12/2006 (I/RA/11283/06.115/MSA)
1.4	Sediment Balance: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.116/MSA)
1.5	Annual Sediment Balance (I/RA/11283/06.117/MSA)
1.6	Sediment balance Bathymetry: 2005 – 3/2006 (I/RA/11283/06.118/MSA)
Factors contributing to salt and sediment distribution in Deurganckdok: Salt-Silt (OBS3A) & Frame measurements, Through tide measurements (SiltProfiling & ADCP)	
2.1	Through tide measurement Siltprofiler 21/03/2006 Laure Marie (I/RA/11283/06.087/WGO)
2.2	Through tide measurement Siltprofiler 26/09/2006 Stream (I/RA/11283/06.068/MSA)
2.3	Through tide measurement Sediview spring tide 22/03/2006 Veremans (I/RA/11283/06.110/BDC)
2.4	Through tide measurement Sediview spring tide 27/09/2006 Parel 2 (I/RA/11283/06.119/MSA)
2.5	Through tide measurement Sediview average tide 24/10/2007 Parel 2 (I/RA/11283/06.120/MSA)
2.6	Salt-Silt distribution & Frame Measurements Deurganckdok 13/3/2006 – 31/05/2006 (I/RA/11283/06.121/MSA)
2.7	Salt-Silt distribution & Frame Measurements Deurganckdok 15/07/2006 – 31/10/2006 (I/RA/11283/06.122/MSA)
2.8	Salt-Silt distribution & Frame Measurements Deurganckdok 12/02/2007 – 18/04/2007 (I/RA/11283/06.123/MSA)
2.9	Calibration stationary equipment autumn (I/RA/11283/07.095/MSA)

Report Description of Opvolging aanslibbing Deurganckdok between April 2006 till March 2007	
Boundary Conditions: Upriver Discharge, Salt concentration Scheldt, Bathymetric evolution in access channels, dredging activities in Lower Sea Scheldt and access channels	
3.1	Boundary conditions: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.127/MSA) including HCBS 2 report 5.5
3.2	Boundary conditions: Annual report (I/RA/11283/06.128/MSA) ²
Analysis	
4.1	Analysis of Siltation Processes and Factors (I/RA/11283/06.129/MSA)

Report Description of Opvolging aanslibbing Deurganckdok between April 2007 till March 2008	
Sediment Balance: Bathymetry surveys, Density measurements, Maintenance and construction dredging activities	
1.10	Sediment Balance: Three monthly report 1/4/2007 - 30/06/2007 (I/RA/11283/07.081/MSA)
1.11	Sediment Balance: Three monthly report 1/7/2007 – 30/09/2007 (I/RA/11283/07.082/MSA)
1.12	Sediment Balance: Three monthly report 1/10/2007 – 31/12/2007 (I/RA/11283/07.083/MSA)
1.13	Sediment Balance: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/07.084/MSA)
1.14	Annual Sediment Balance (I/RA/11283/07.085/MSA)
Factors contributing to salt and sediment distribution in Deurganckdok: Salt-Silt (OBS3A) & Frame measurements, Through tide measurements (SiltProfiling & ADCP) & Calibrations	
2.09	Calibration stationary equipment autumn (I/RA/11283/07.095/MSA)
2.10	Through tide measurement Siltprofiler 23 October 2007 (I/RA/11283/07.086/MSA)
2.11	Through tide measurement Salinity Profiling winter (I/RA/11283/07.087/MSA)
2.12	Through tide measurement Sediview winter 11 March 2008 Transect I (I/RA/11283/07.088/MSA)
2.13	Through tide measurement Sediview winter 11 March 2008 Transect K (I/RA/11283/07.089/MSA)
2.14	Through tide measurement Sediview winter 11 March 2008 Transect DGD (I/RA/11283/07.090/MSA)
2.15	Through tide measurement Siltprofiler 12 March 2008 (I/RA/11283/07.091/MSA)
2.16	Salt-Silt distribution Deurganckdok summer (21/6/2007 – 30/07/2007) (I/RA/11283/07.092/MSA)
2.17	Salt-Silt distribution & Frame Measurements Deurganckdok autumn (17/09/2007 - 10/12/2007) (I/RA/11283/07.093/MSA)
2.18	Salt-Silt distribution & Frame Measurements Deurganckdok winter (18/02/2008 - 31/3/2008) (I/RA/11283/07.094/MSA)

² considered in report 5.6 'Analysis of ambient conditions during 2006' (I/RA/11291/06.091/MSA) in the framework of the study 'Extension of the study about density currents in the Beneden Zeeschelde'

Report Description of Opvolging aanslibbing Deurganckdok between April 2007 till March 2008	
2.19	Calibration stationary & mobile equipment winter (I/RA/11283/07.096/MSA)
Boundary Conditions: Upriver Discharge, Salt concentration Scheldt, Bathymetric evolution in access channels, dredging activities in Lower Sea Scheldt and access channels	
3.10	Boundary conditions: Three monthly report 1/4/2007 – 30/06/2007 (I/RA/11283/07.097/MSA)
3.11	Boundary conditions: Three monthly report 1/7/2007 – 30/09/2007 (I/RA/11283/07.098/MSA)
3.12	Boundary conditions: Three monthly report 1/10/2007 – 31/12/2007 (I/RA/11283/07.099/MSA)
3.13	Boundary conditions: Three monthly report 1/1/2008 – 31/03/2008 (I/RA/11283/07.100/MSA)
3.14	Boundary conditions: Annual report (I/RA/11283/07.101/MSA)
Analysis	
4.10	Analysis of Siltation Processes and Factors (I/RA/11283/07.102/MSA)